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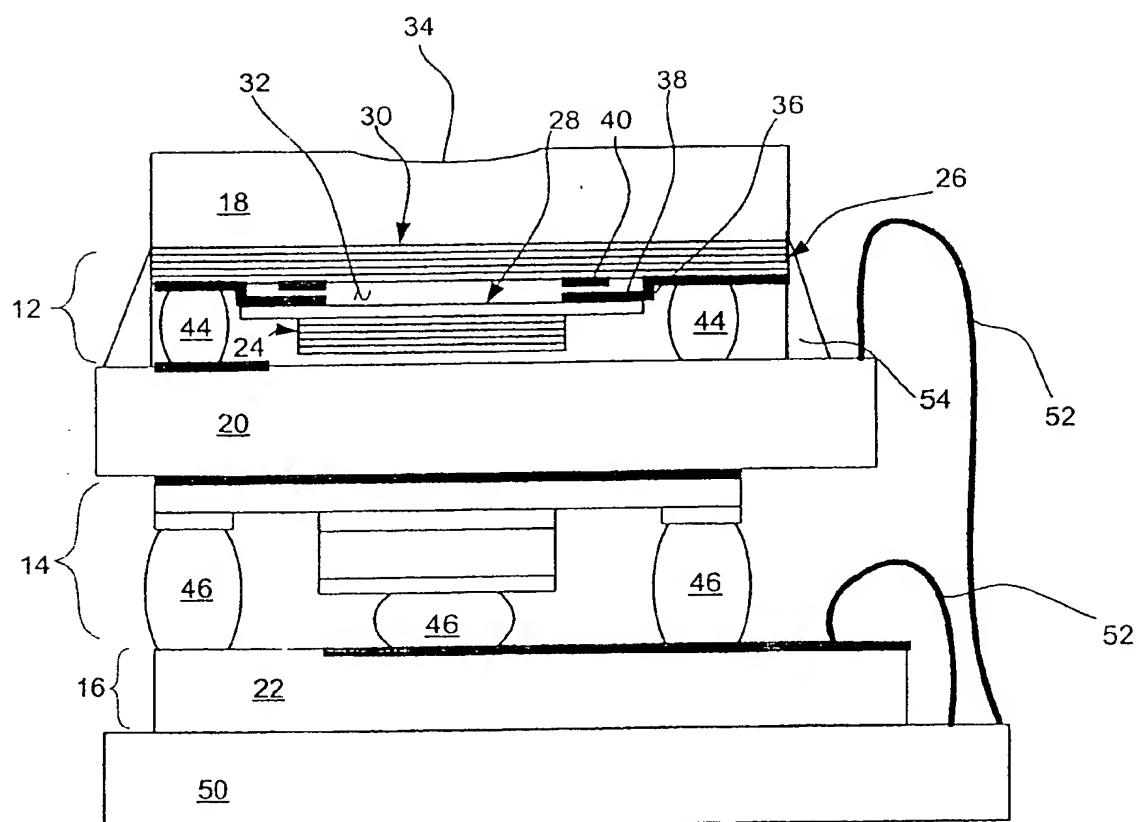


FIG. 1

11001223101

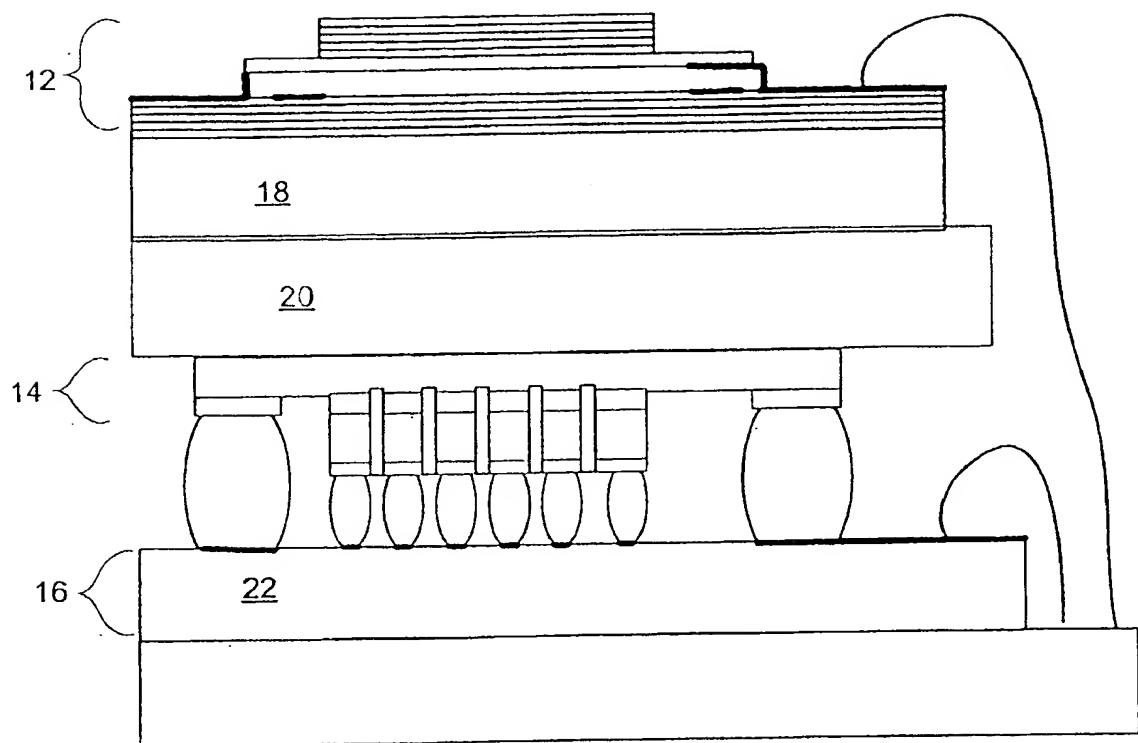
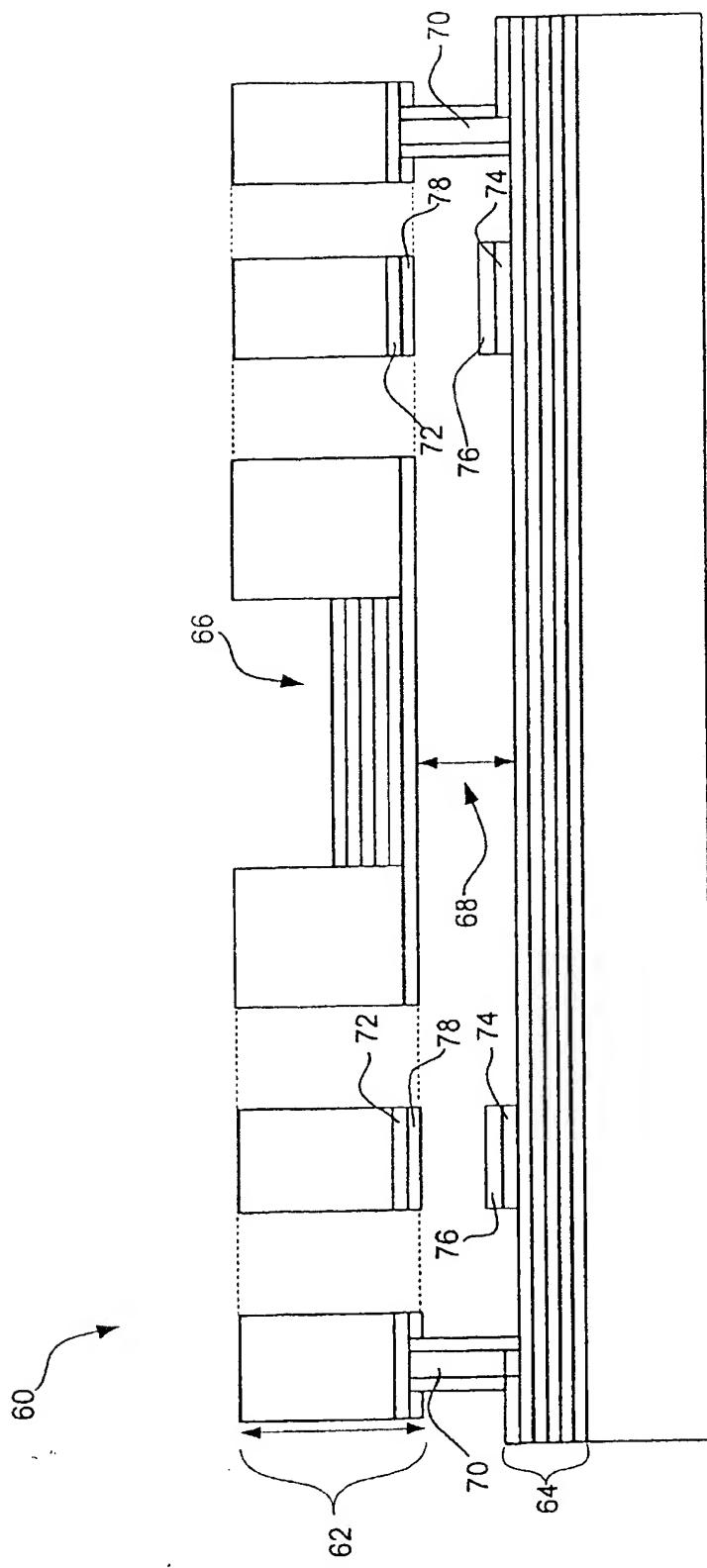


FIG. 2

FIG. 3



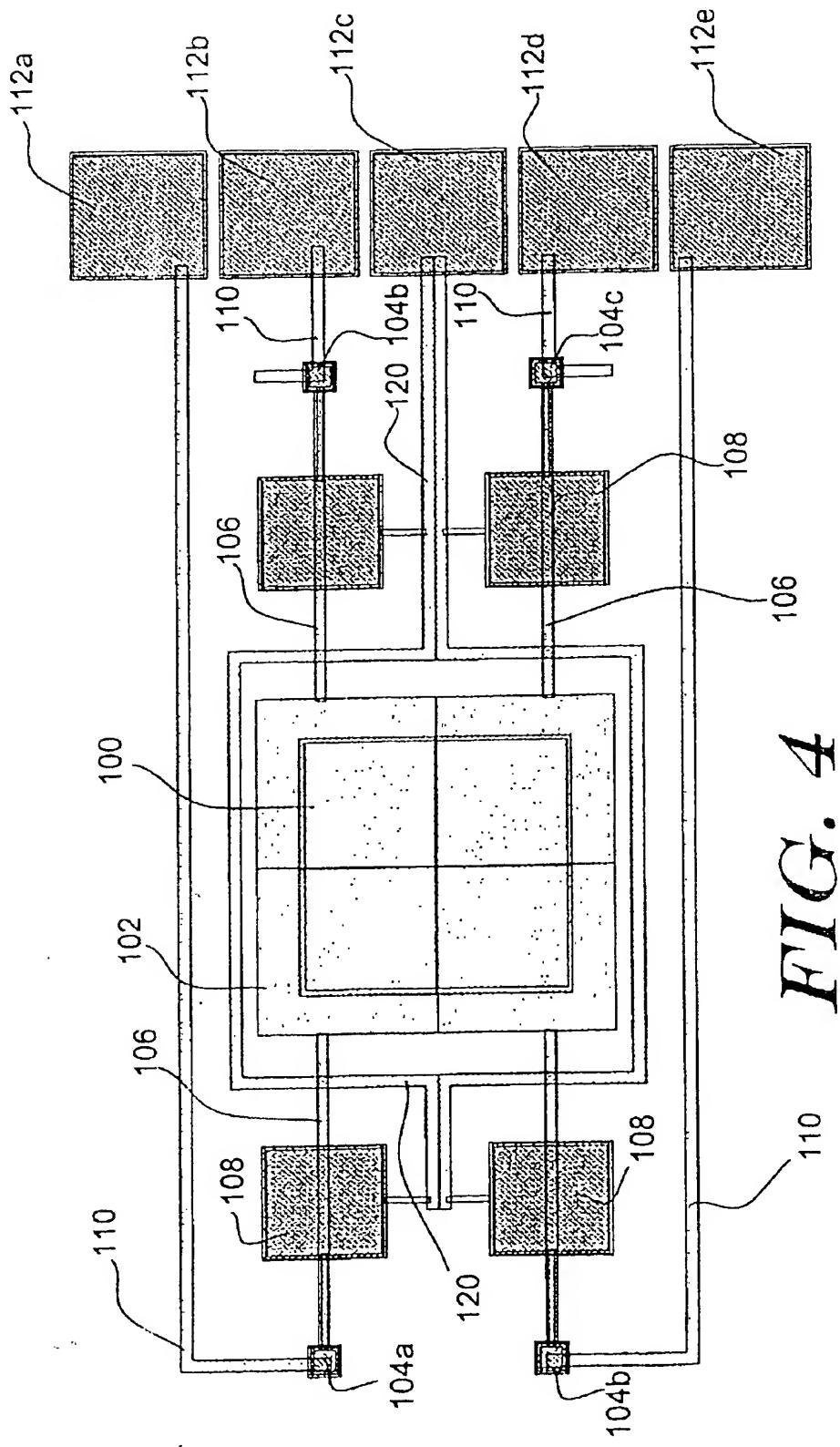


FIG. 4

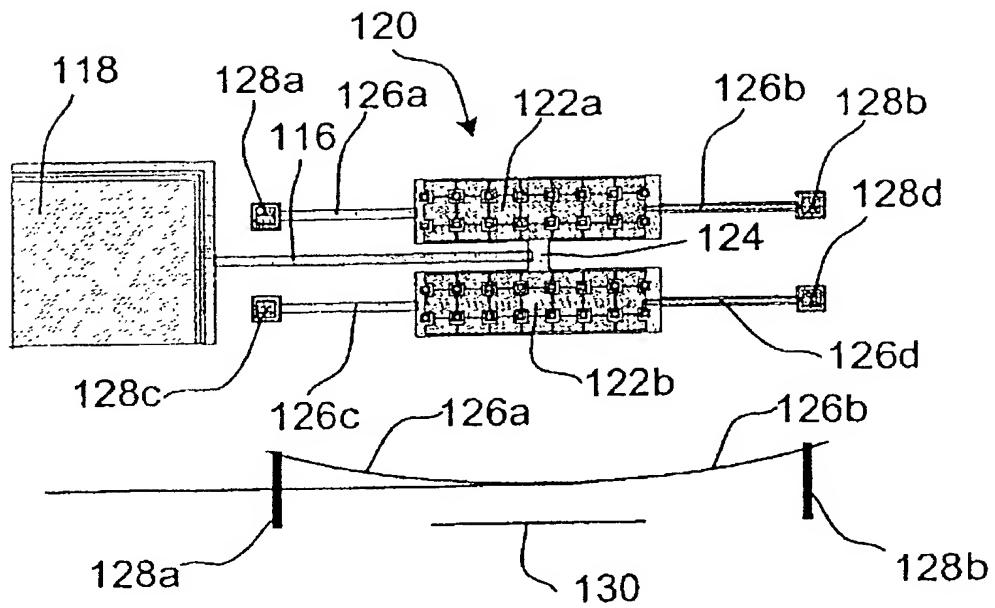


FIG. 5

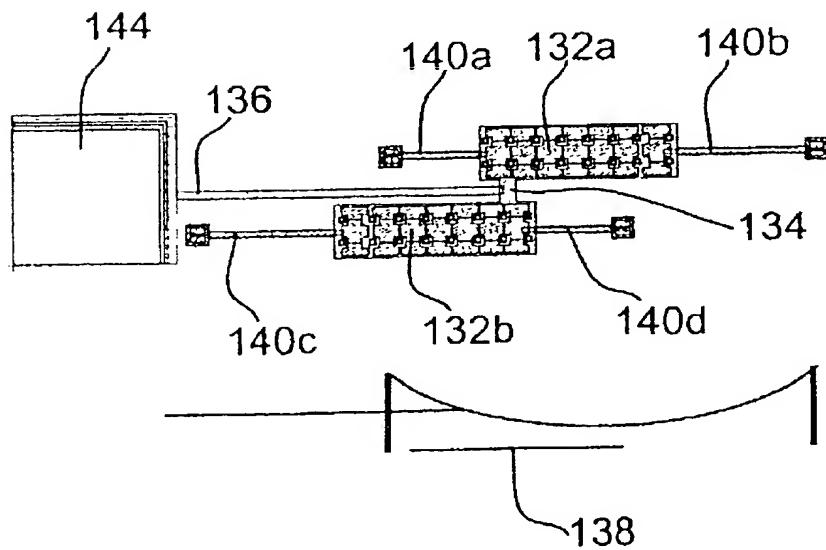


FIG 6

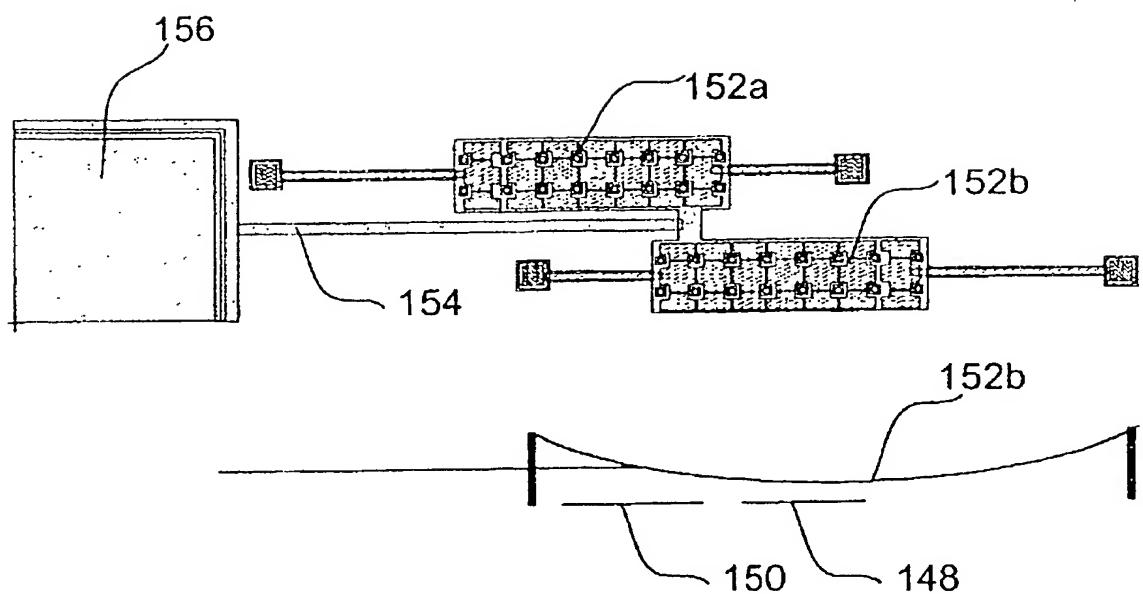


FIG. 7

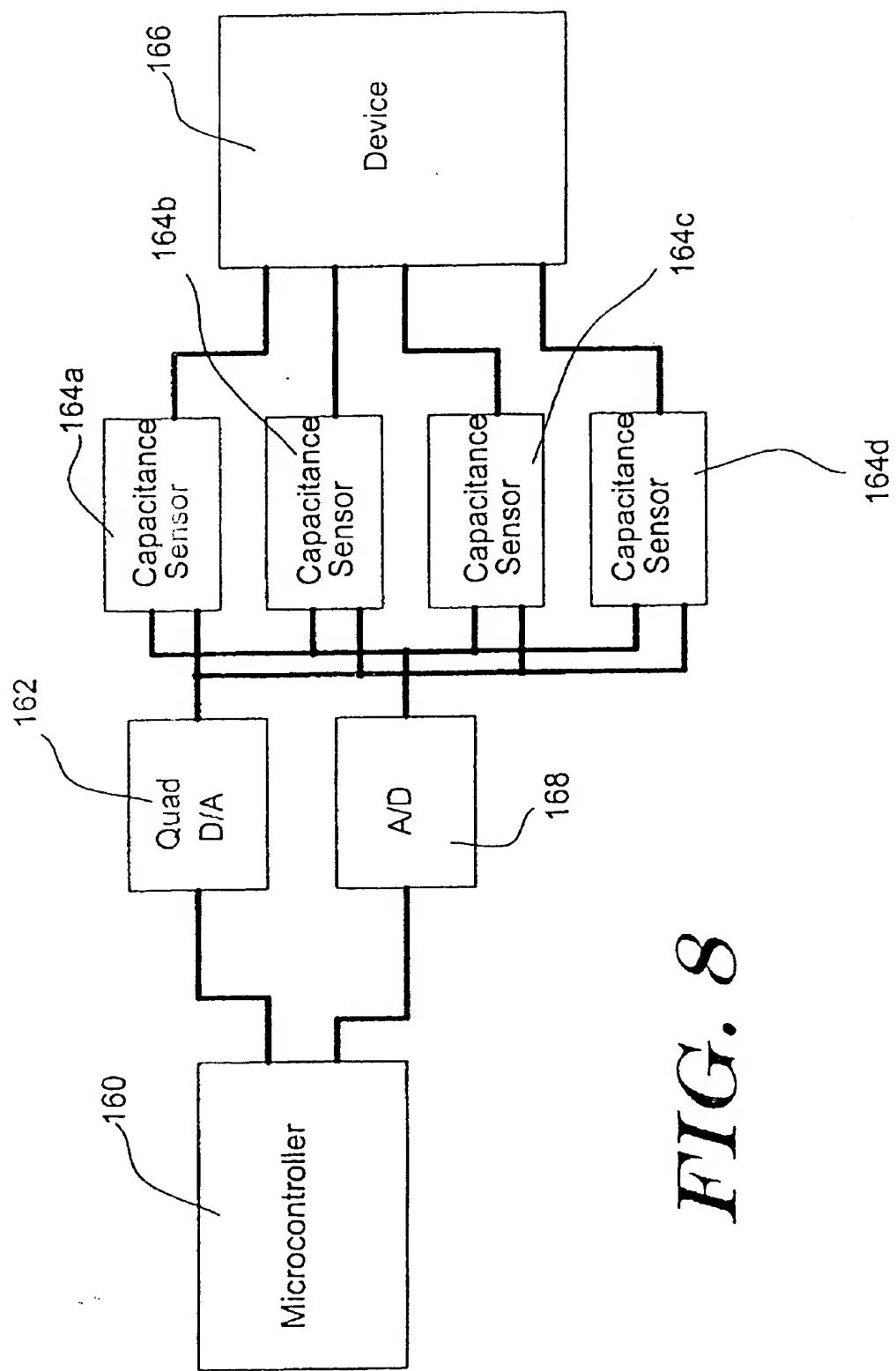


FIG. 8

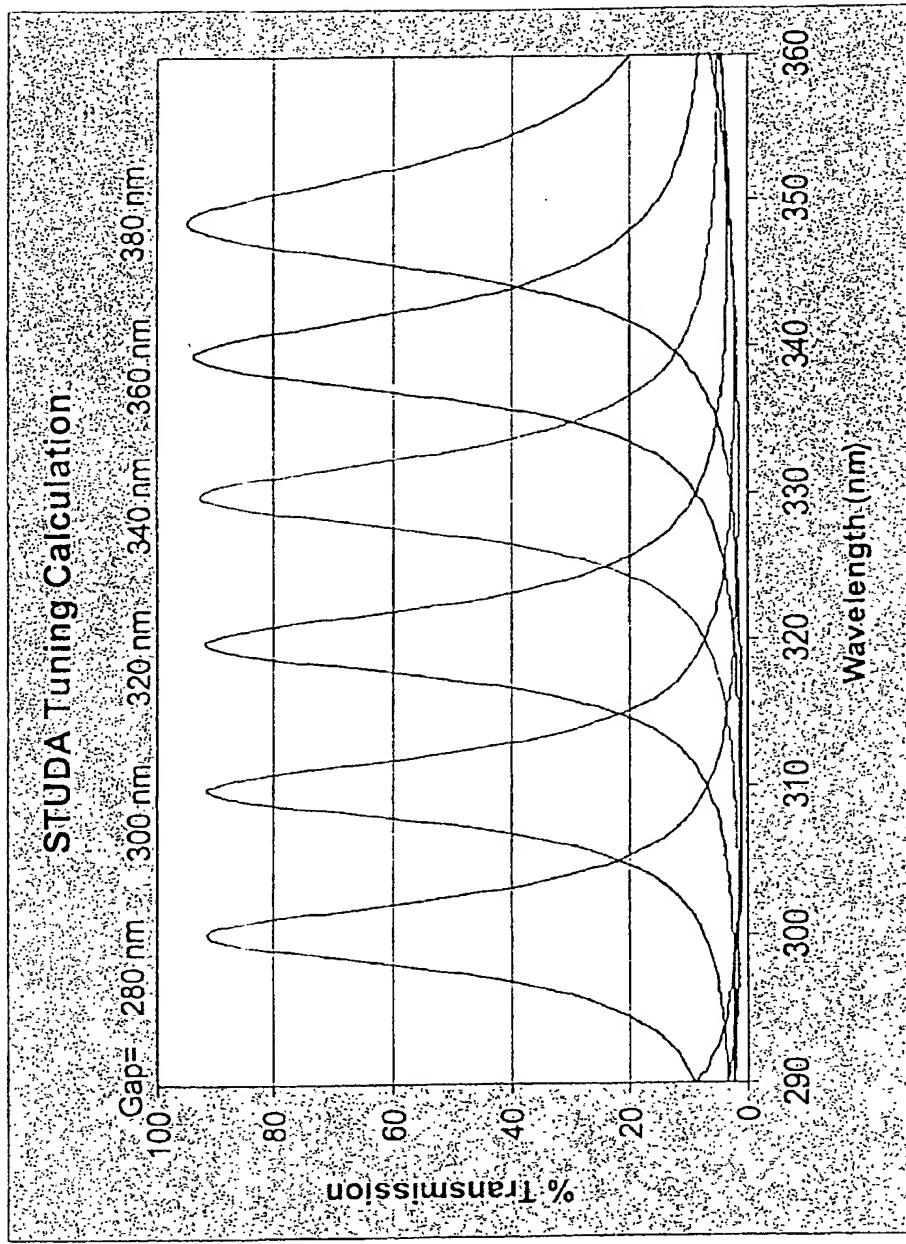
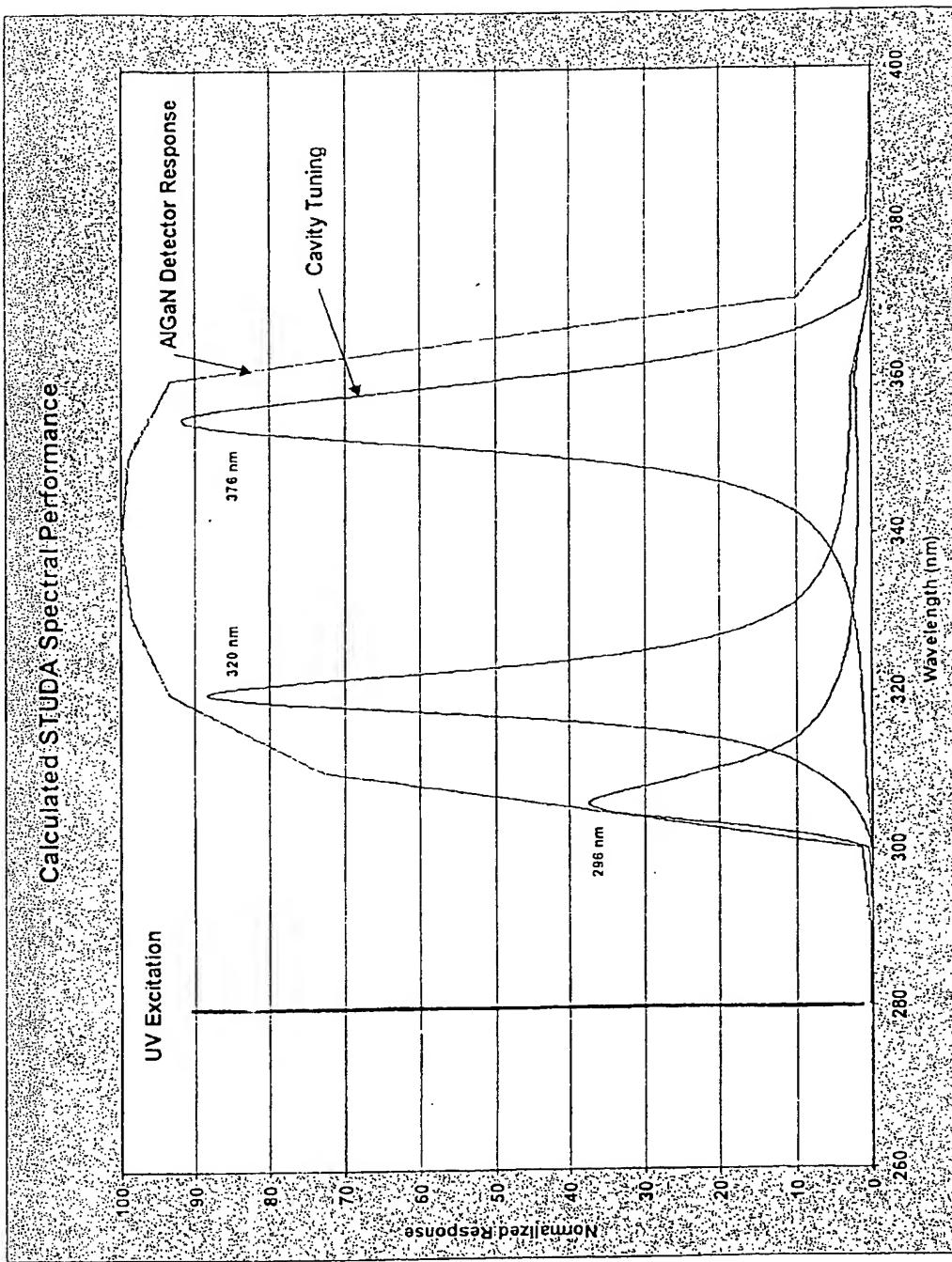


FIG. 9

FIG. 10



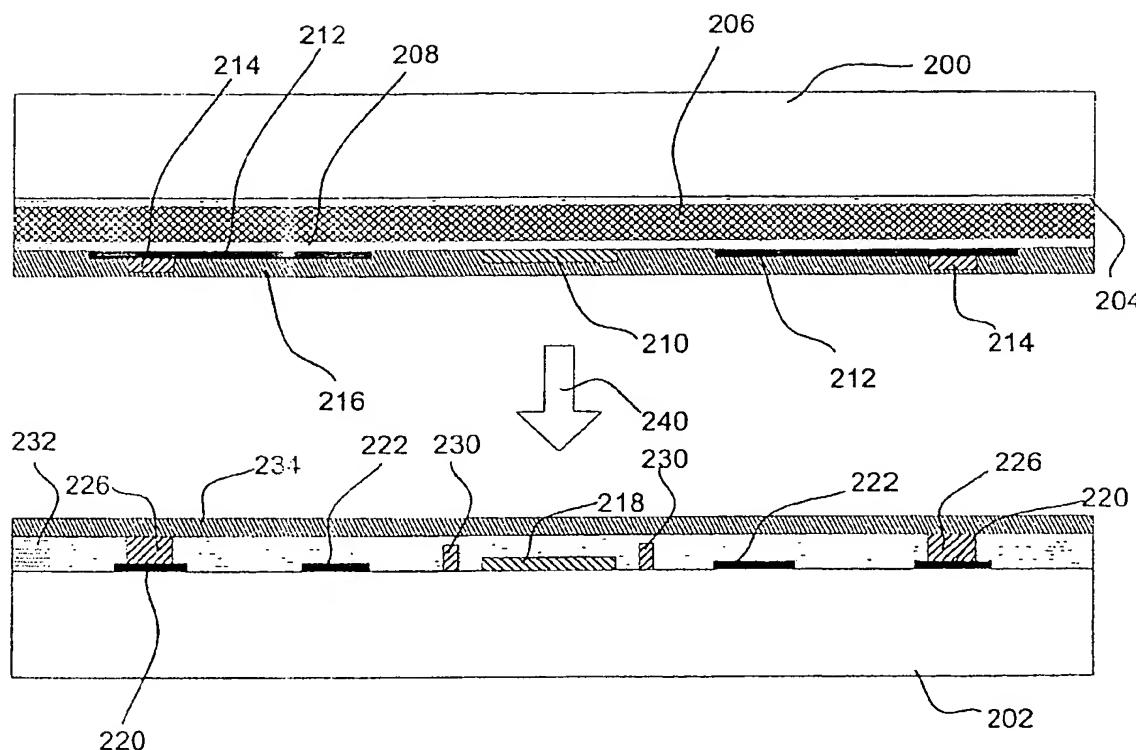


FIG. 11A

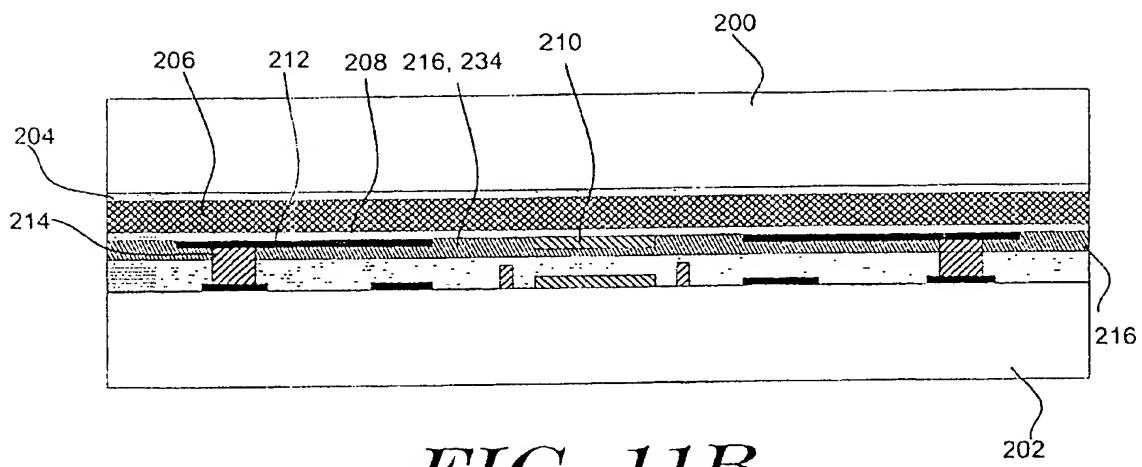


FIG. 11B

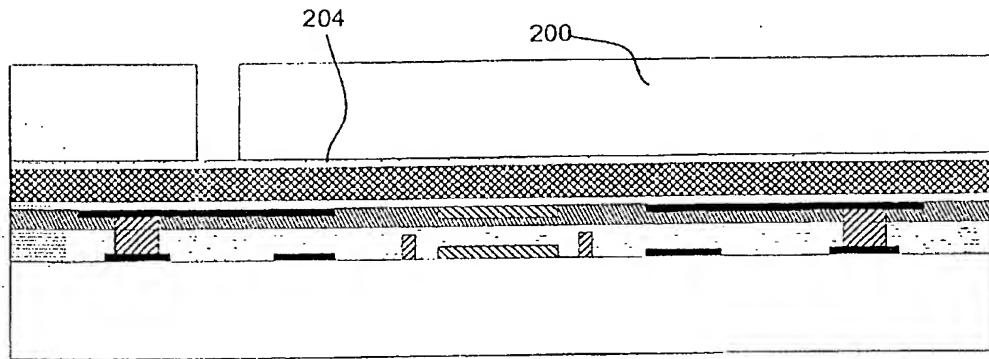
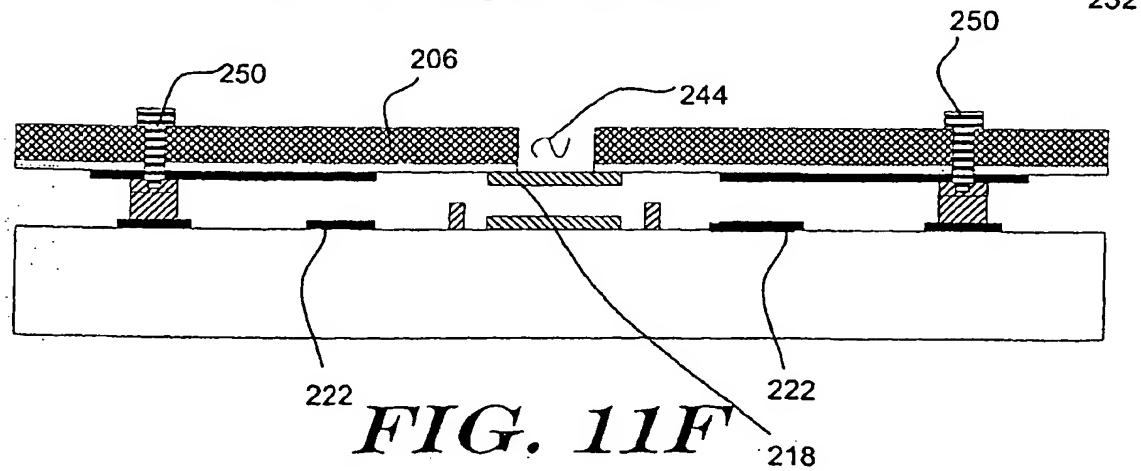
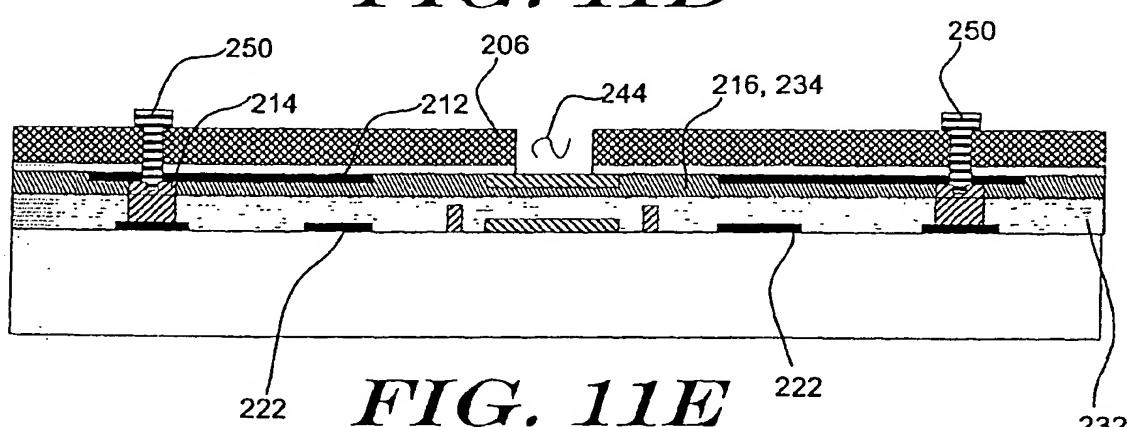
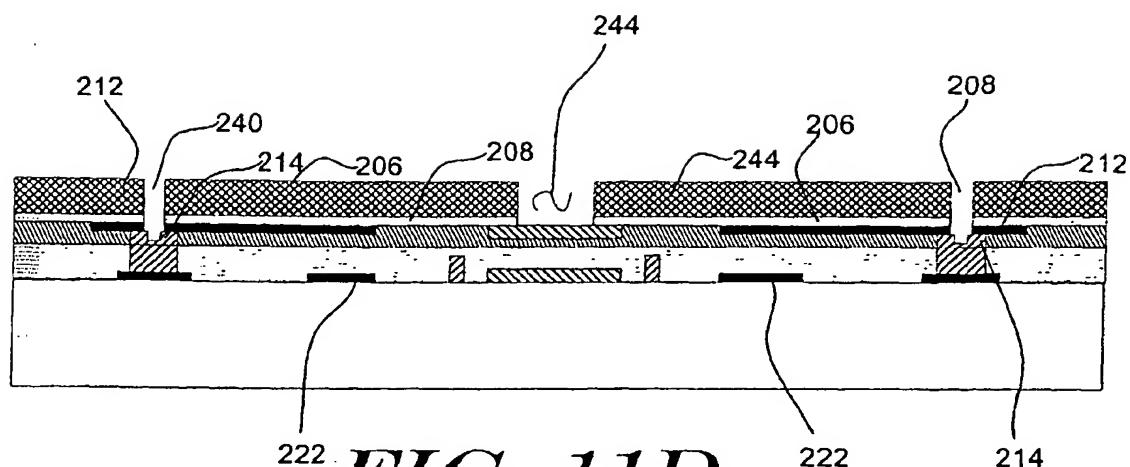


FIG. 11C



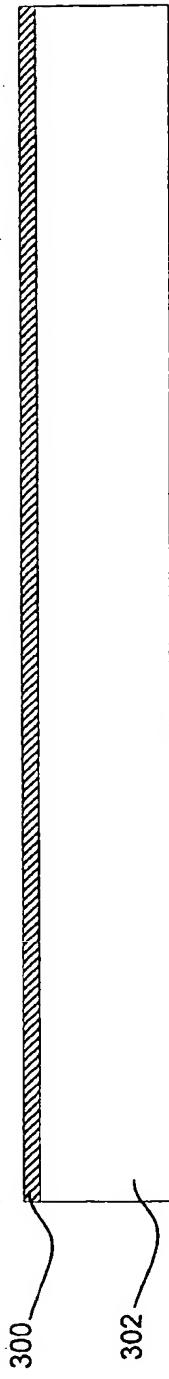


FIG. 12A

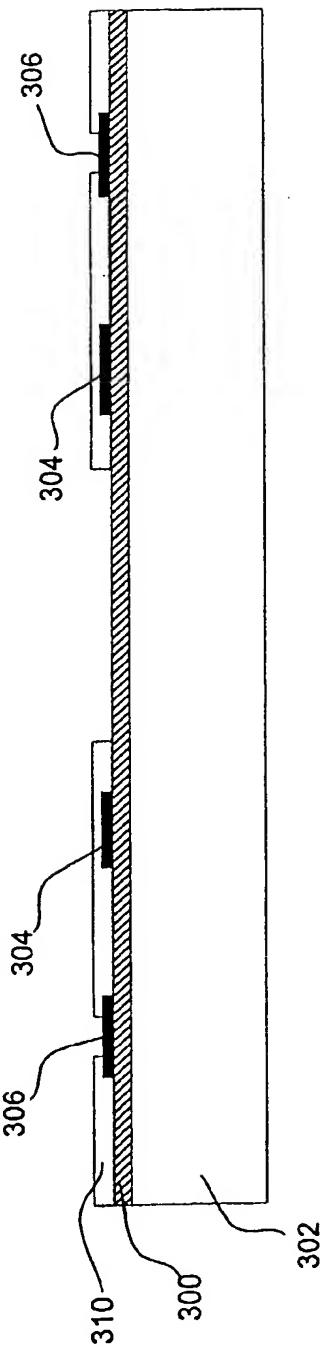


FIG. 12B

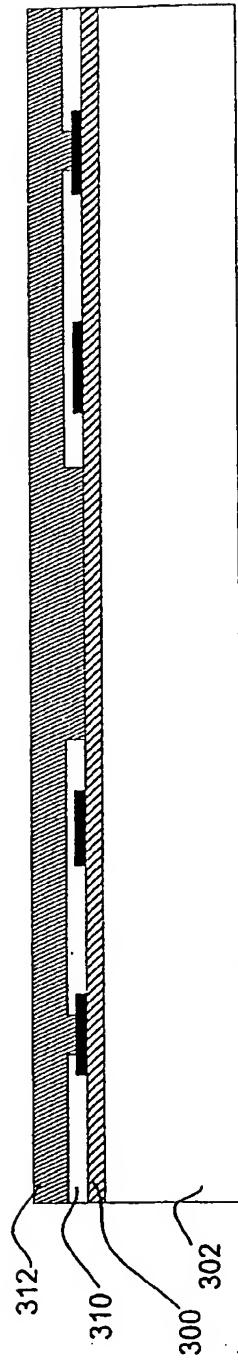
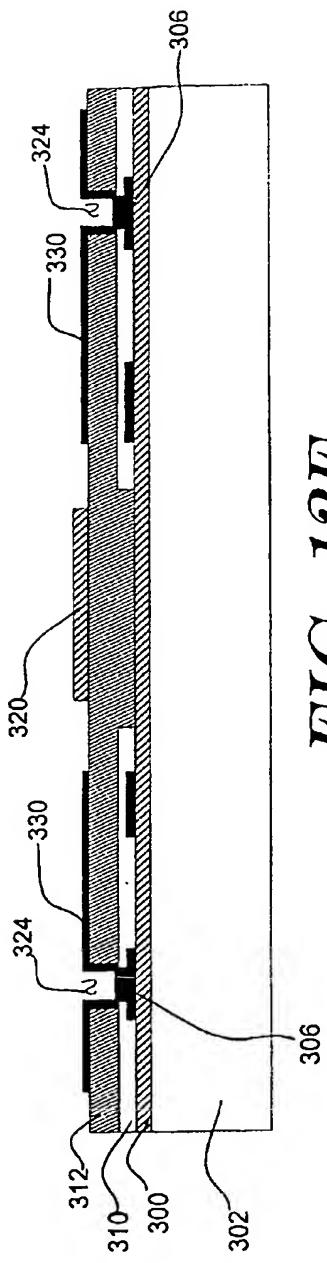
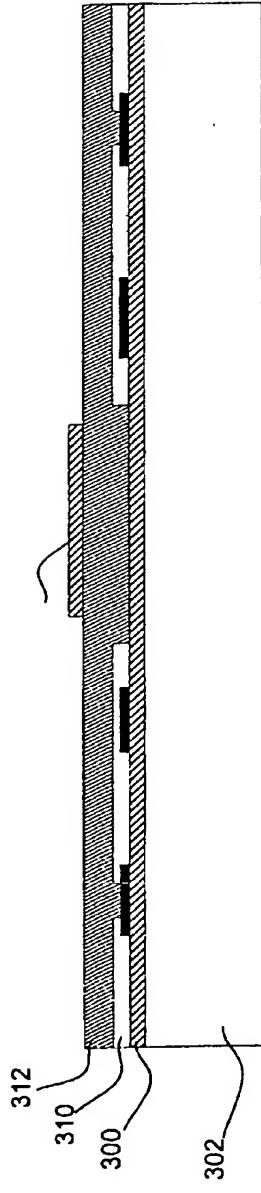
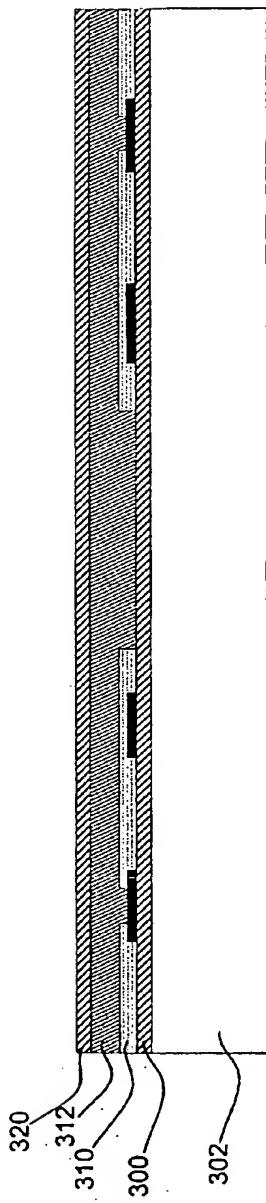
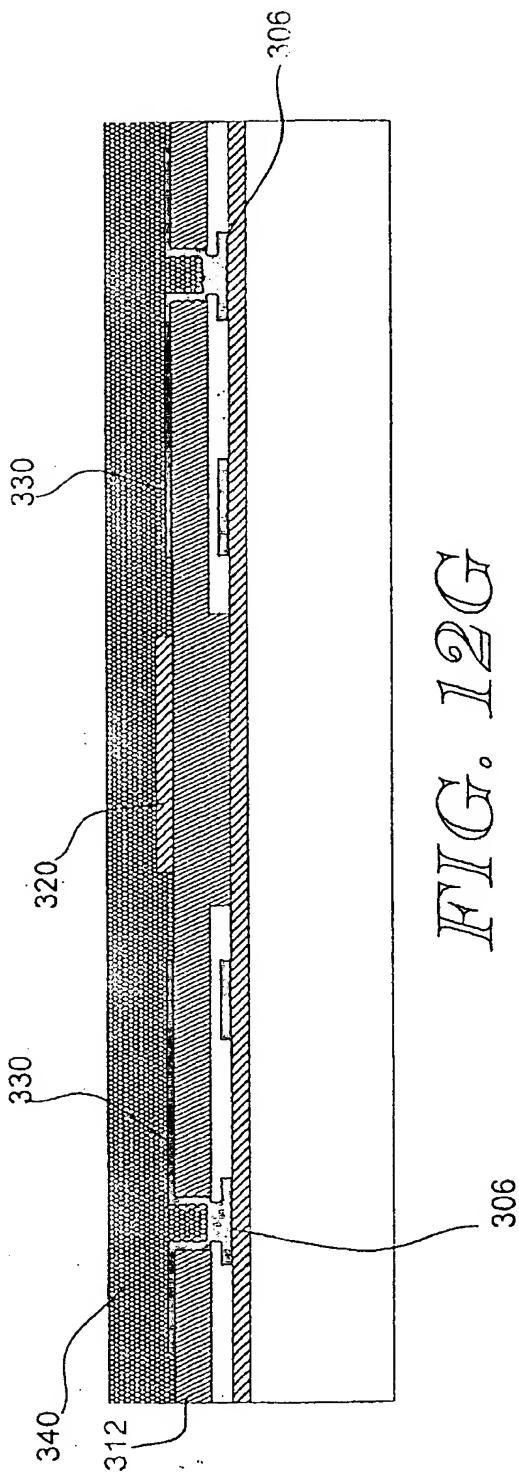


FIG. 12C





HIG. 12G

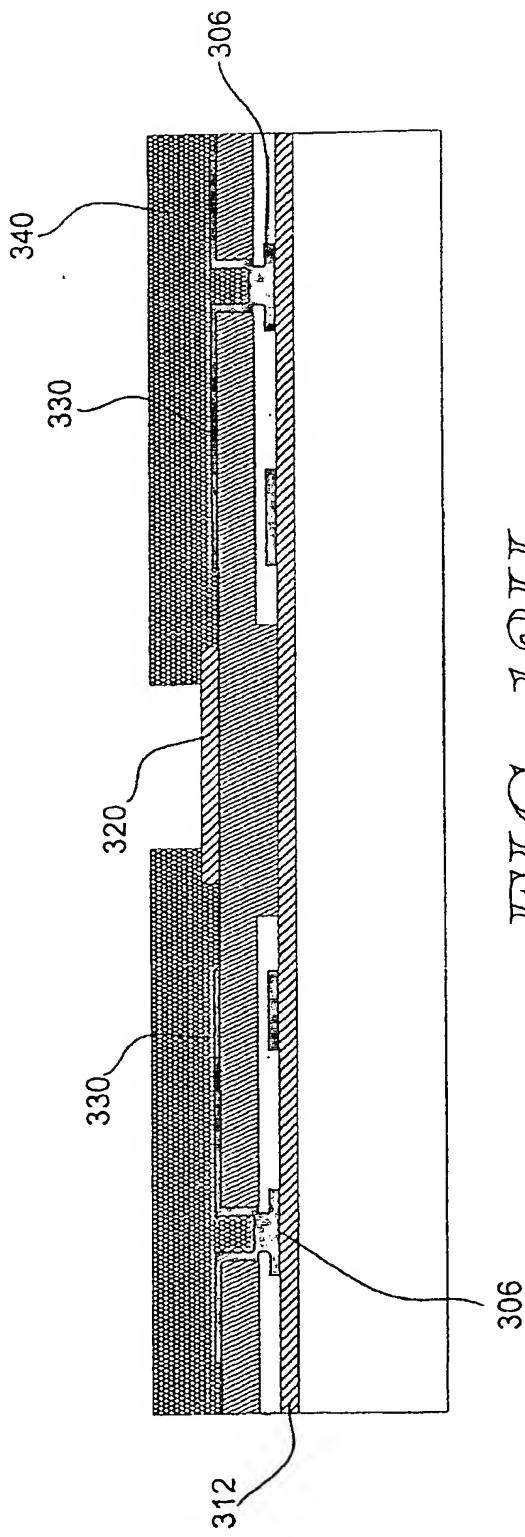


FIG. 12H

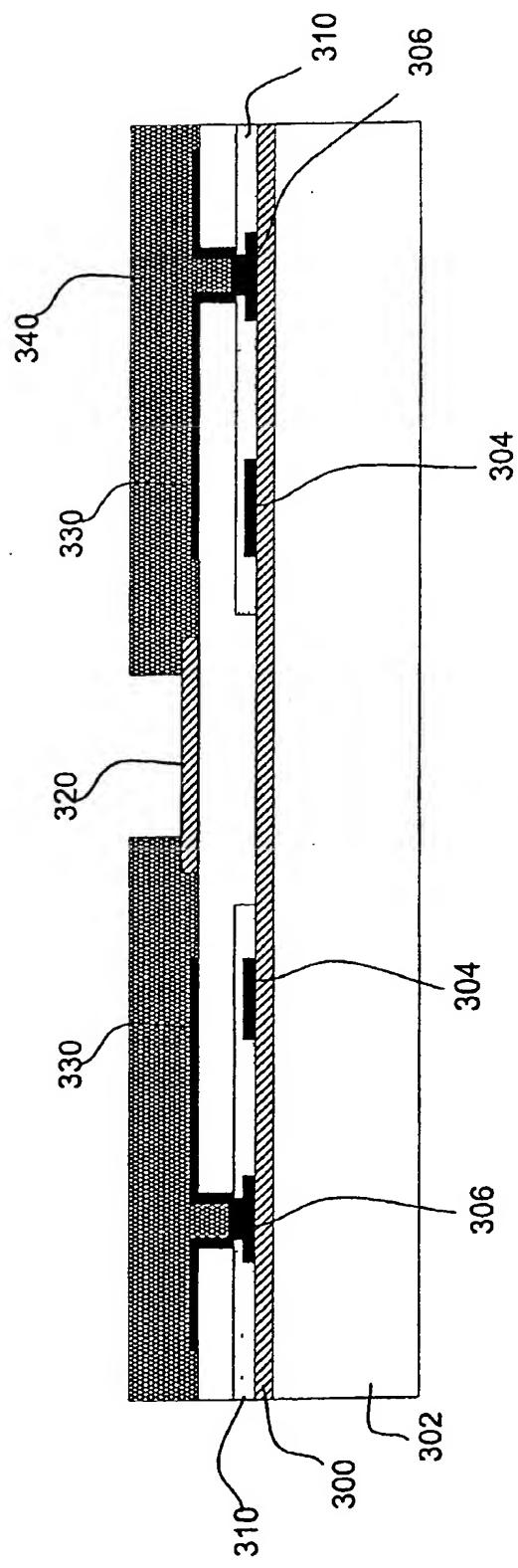


FIG. 12I

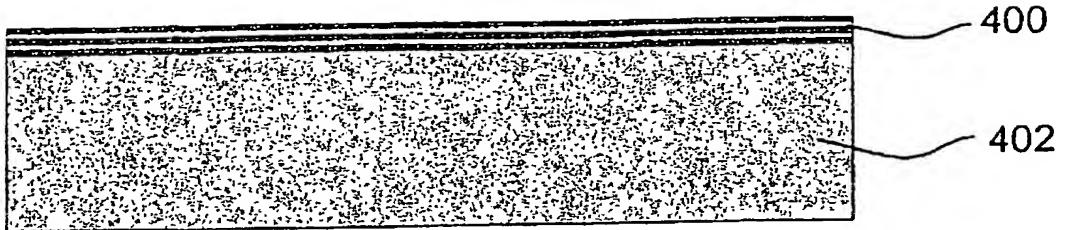


FIG. 13A

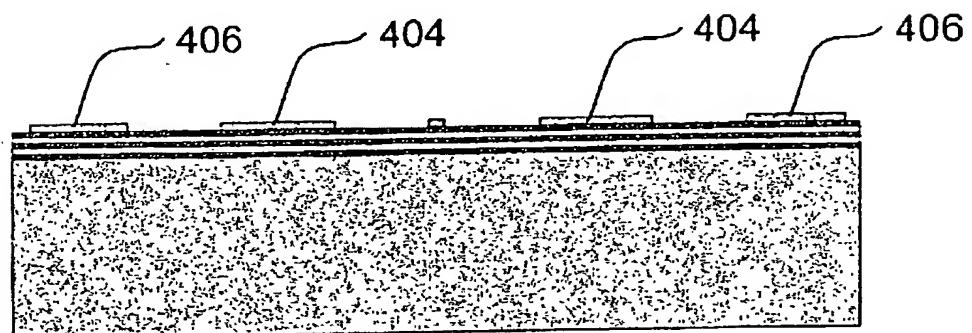


FIG. 13B

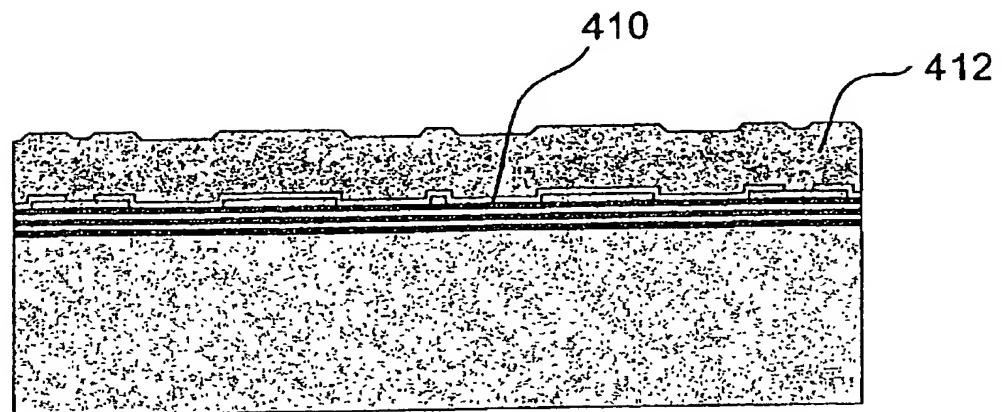


FIG. 13C

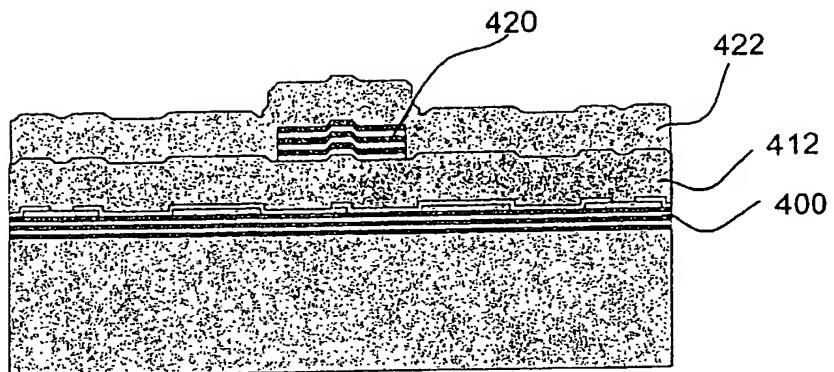


FIG. 13D

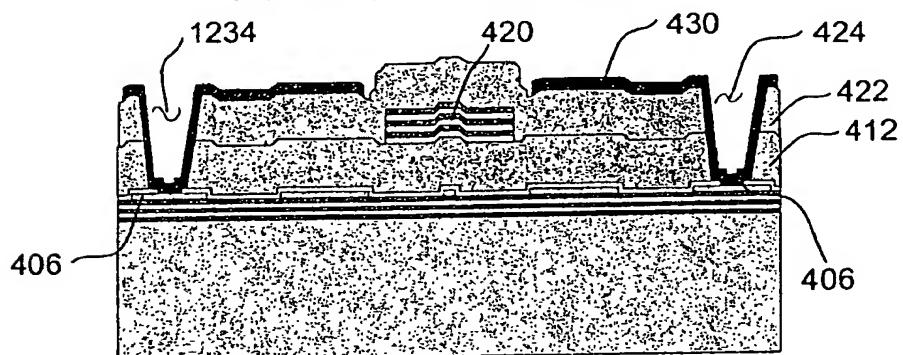


FIG. 13E

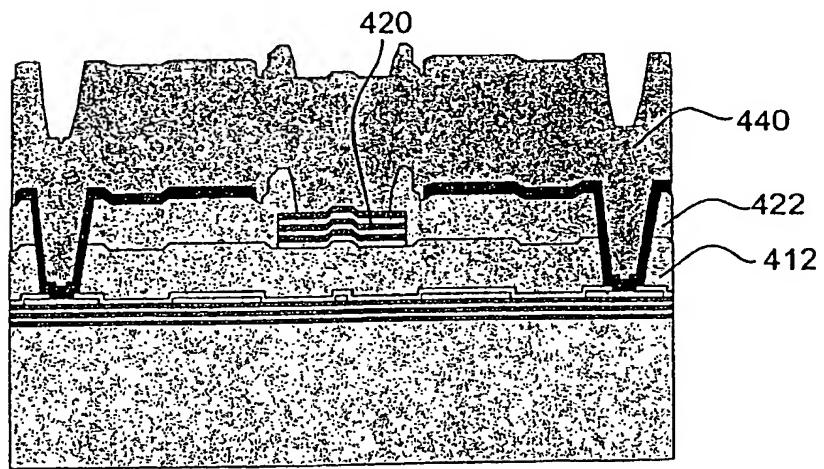


FIG. 13F

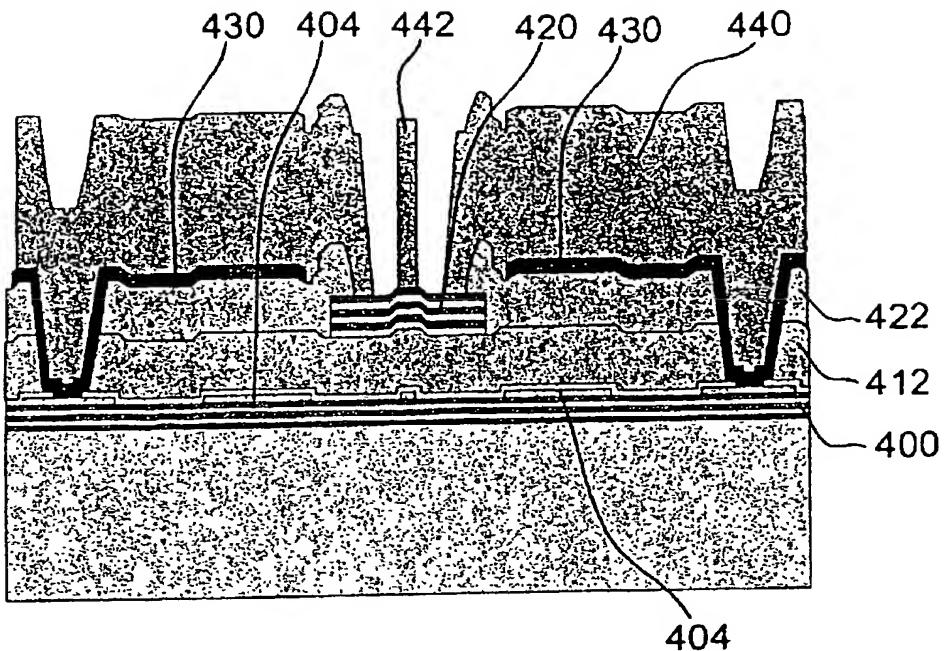


FIG. 13G

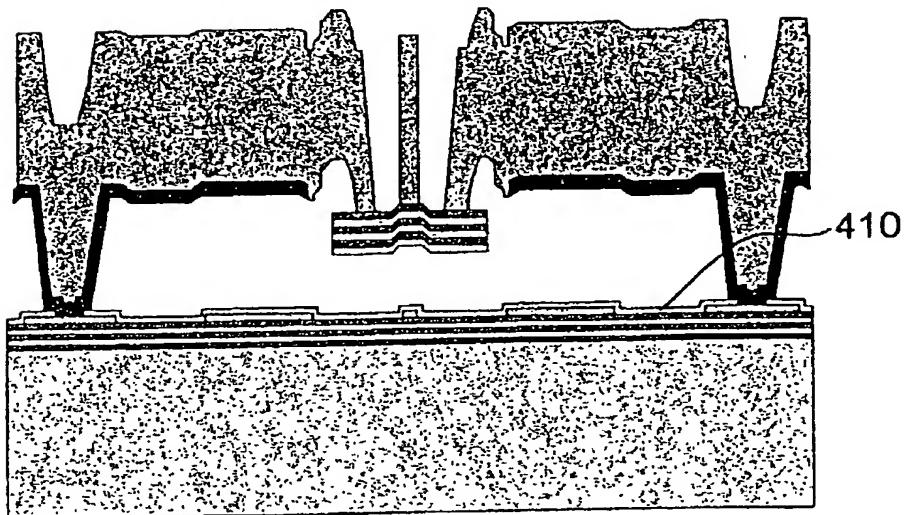


FIG. 13H

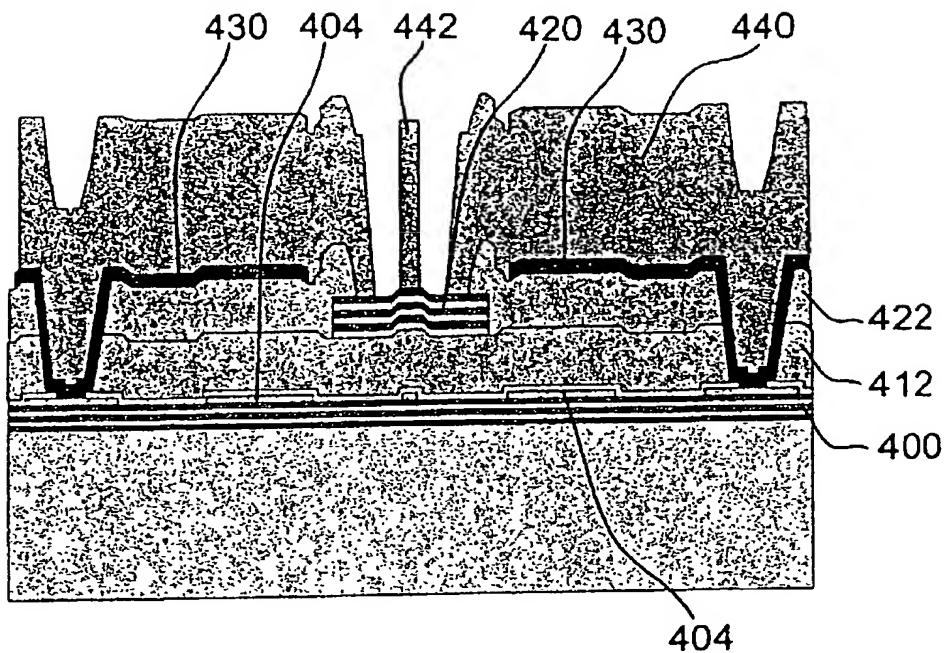


FIG. 13G

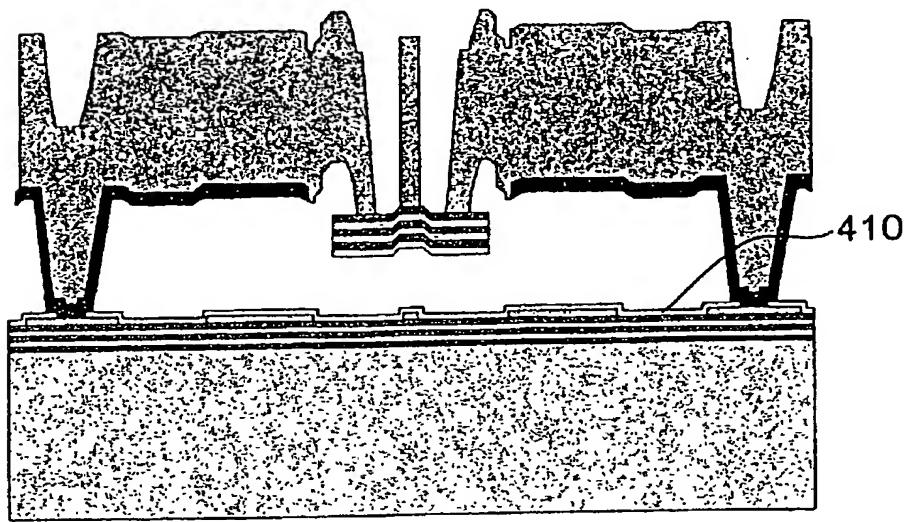


FIG. 13H

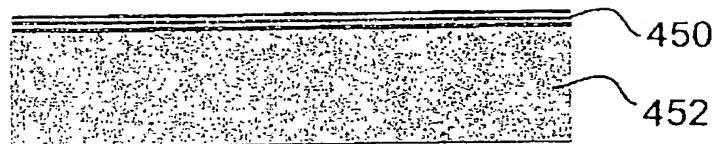


FIG. 14A

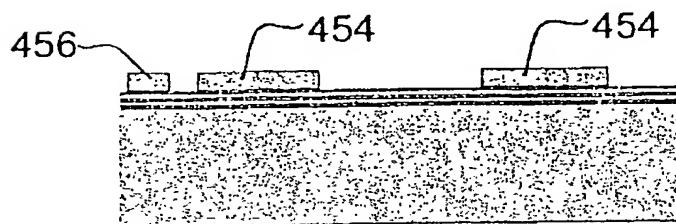


FIG. 14B

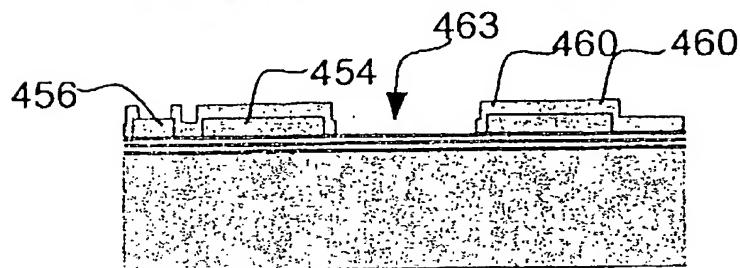


FIG. 14C

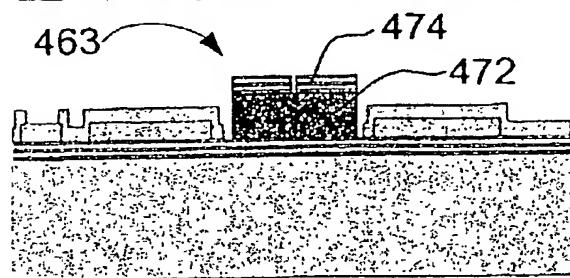


FIG. 14D

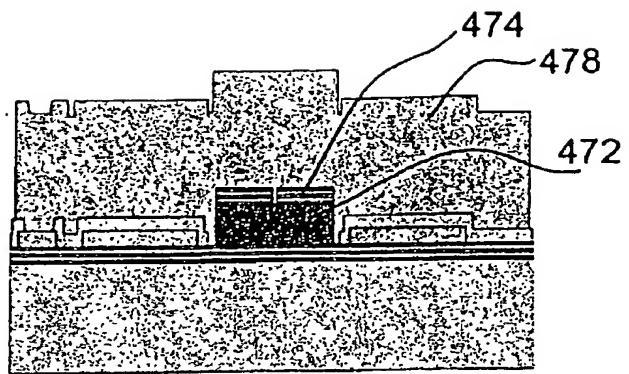


FIG. 14E

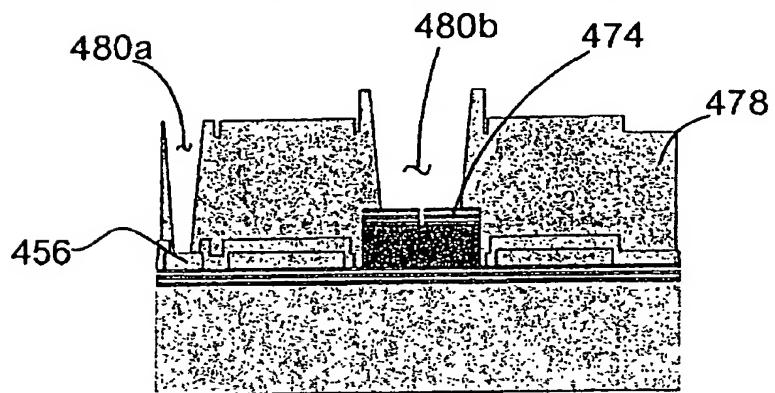


FIG. 14F

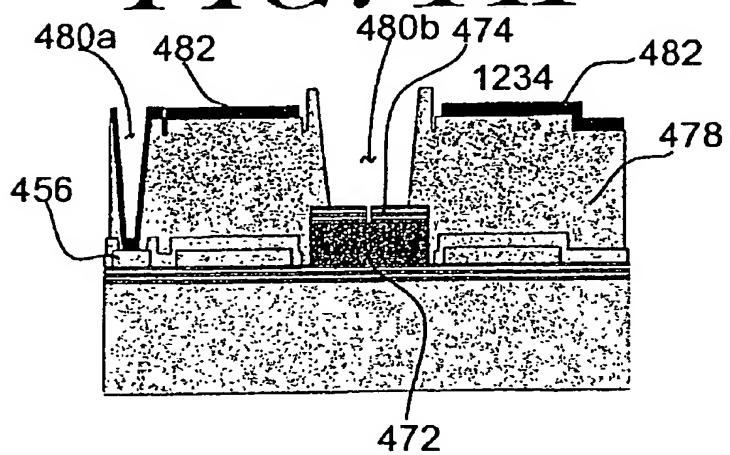


FIG. 14G

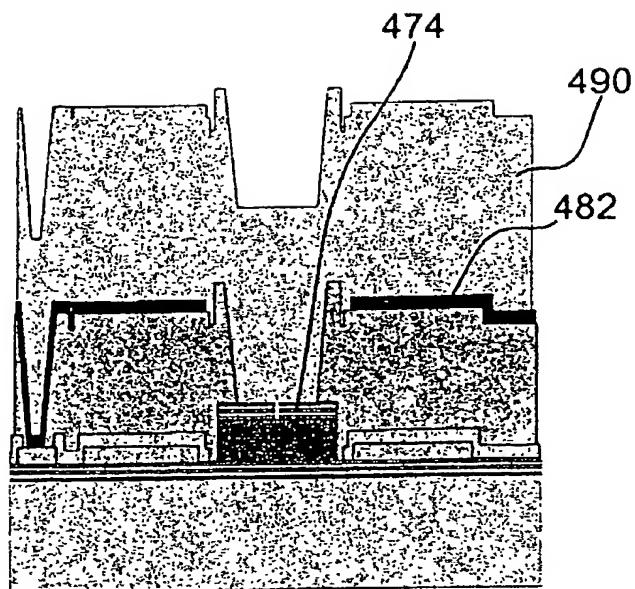


FIG. 14H

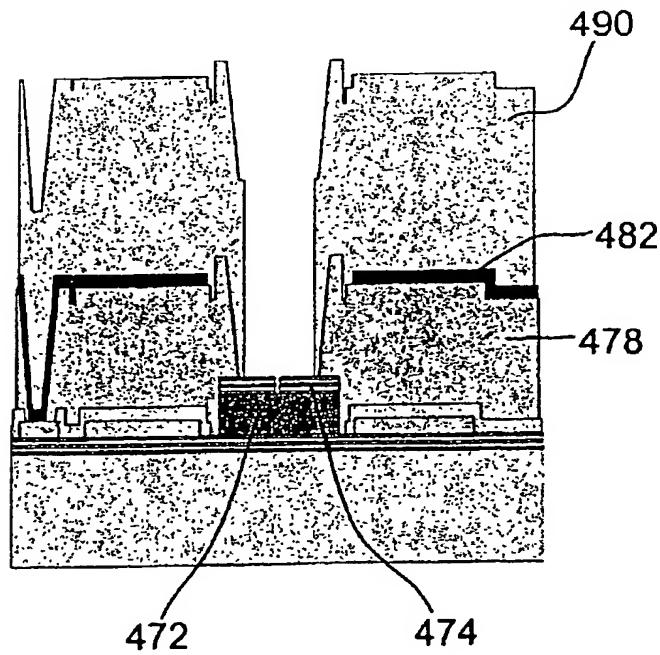


FIG. 14I

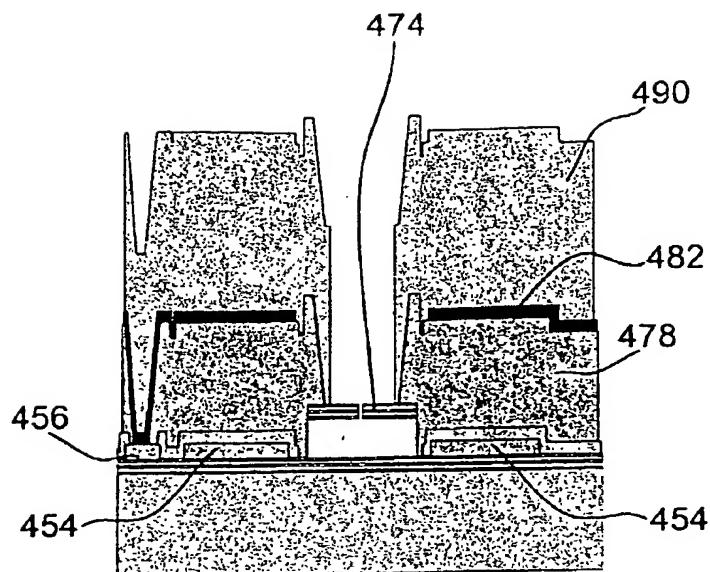


FIG. 14J

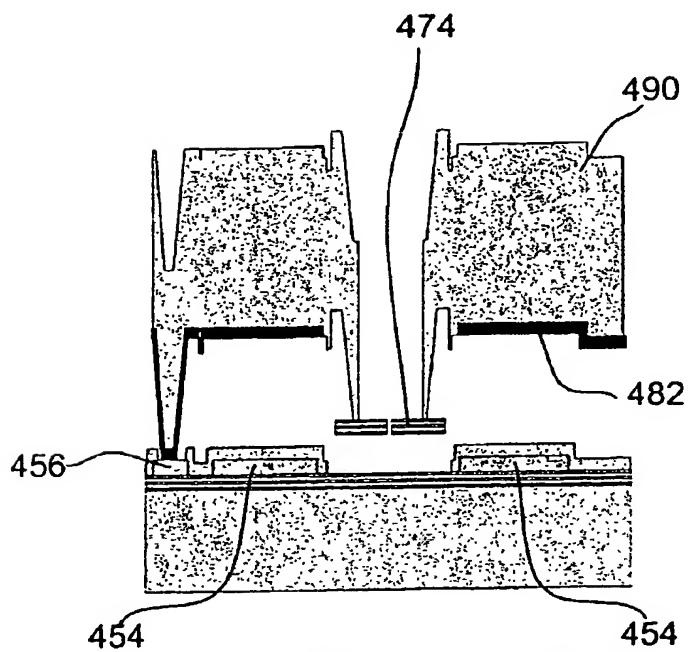


FIG. 14K

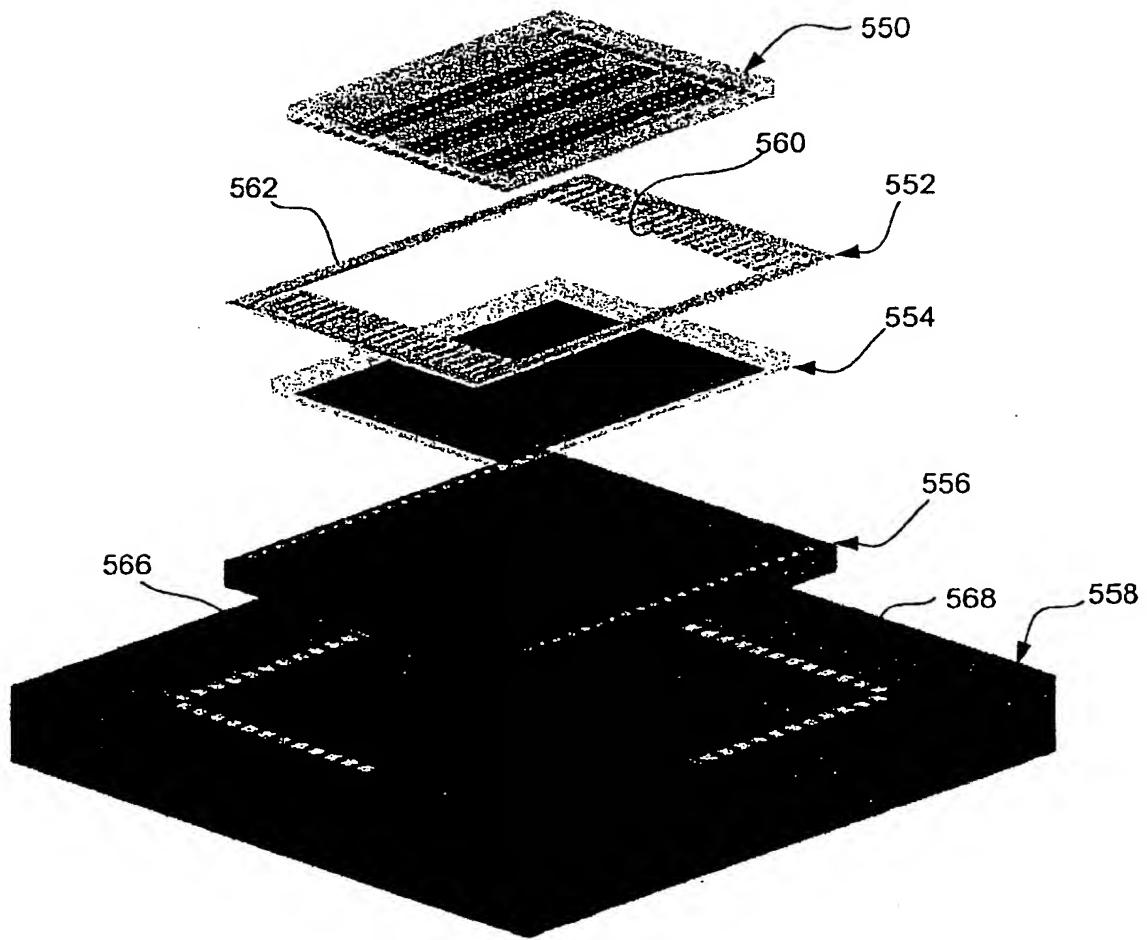


FIG. 15A

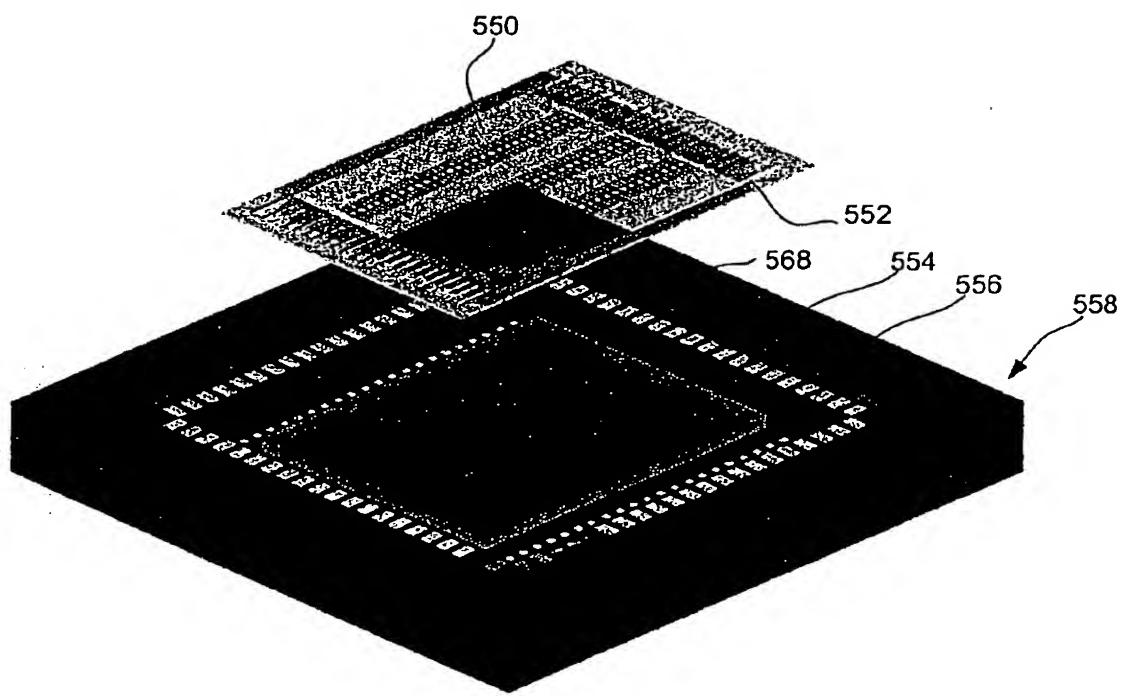


FIG. 15B

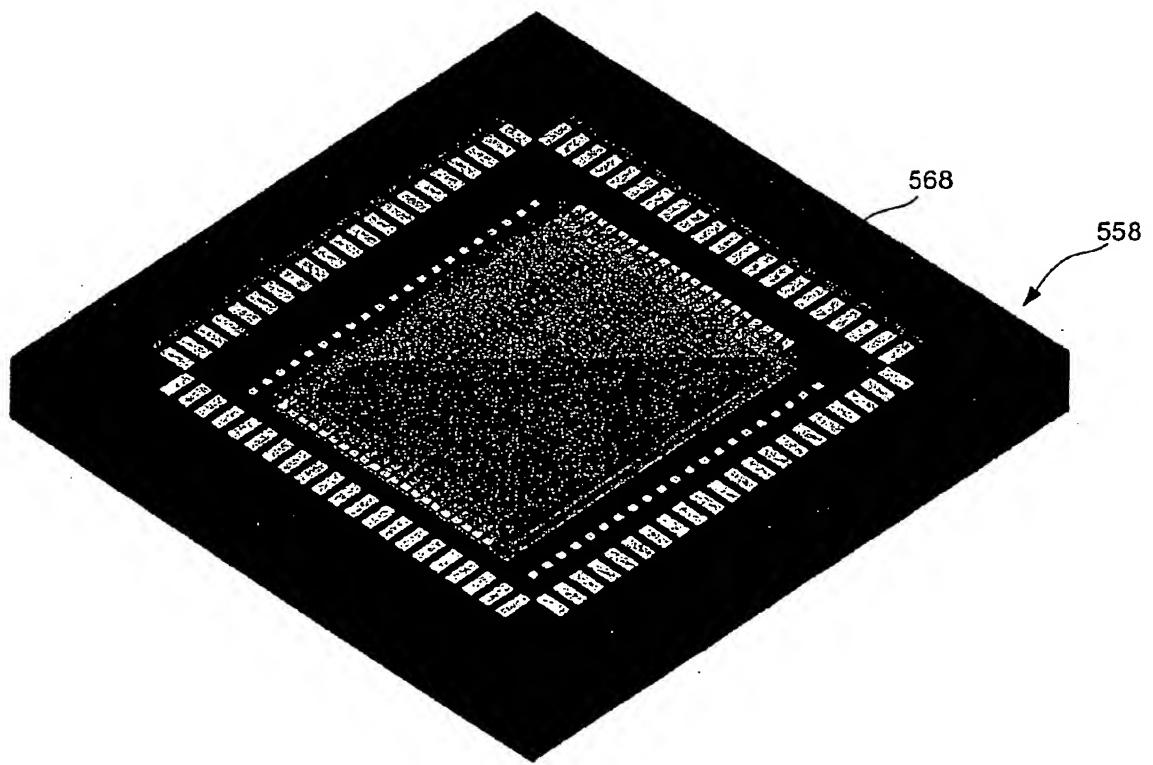


FIG. 15C

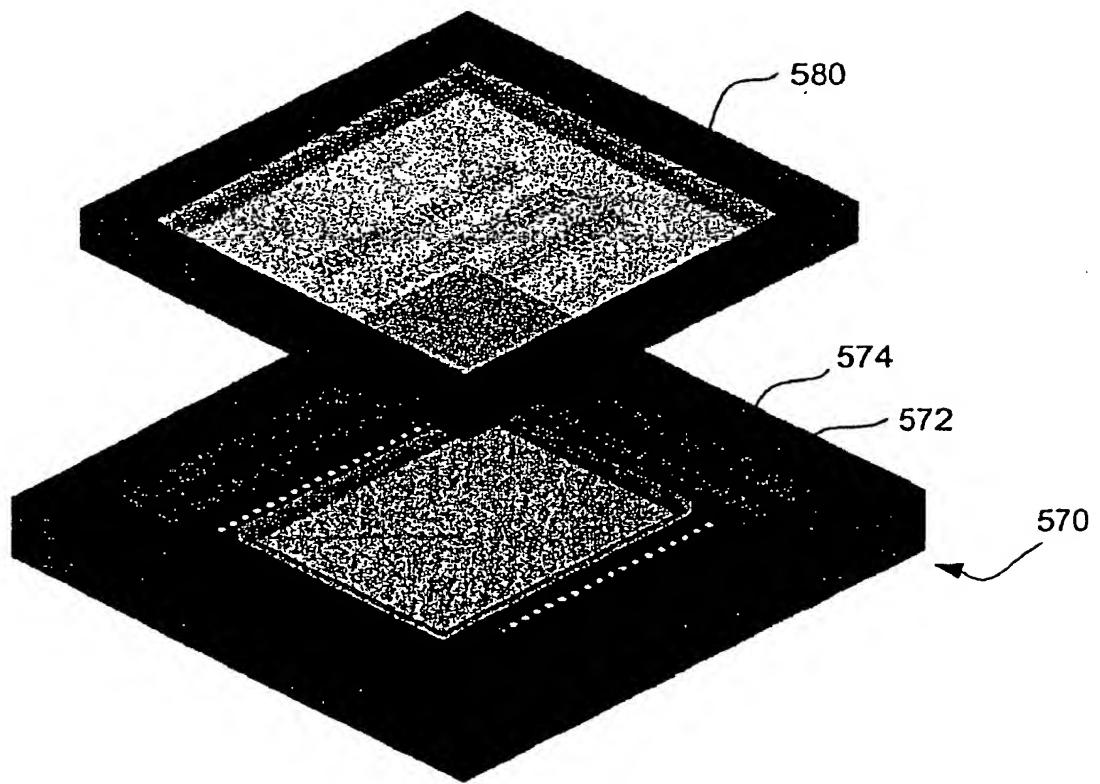


FIG. 16

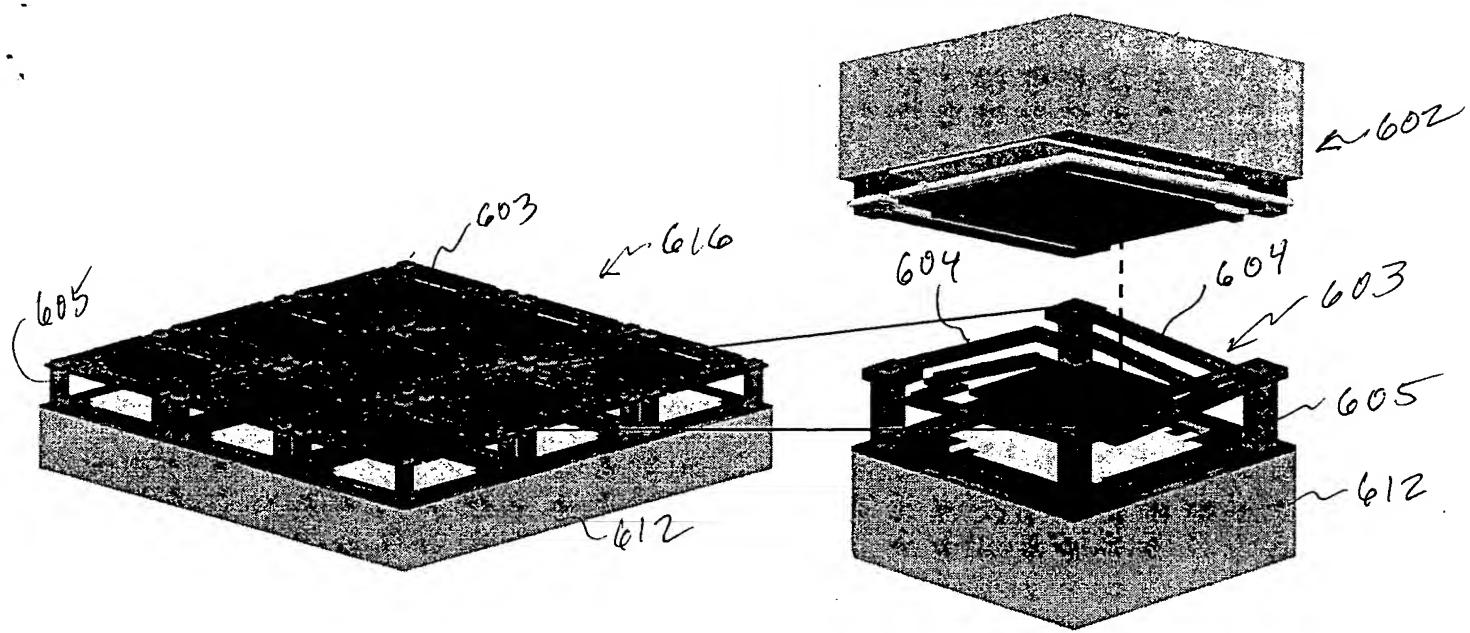


FIGURE 17

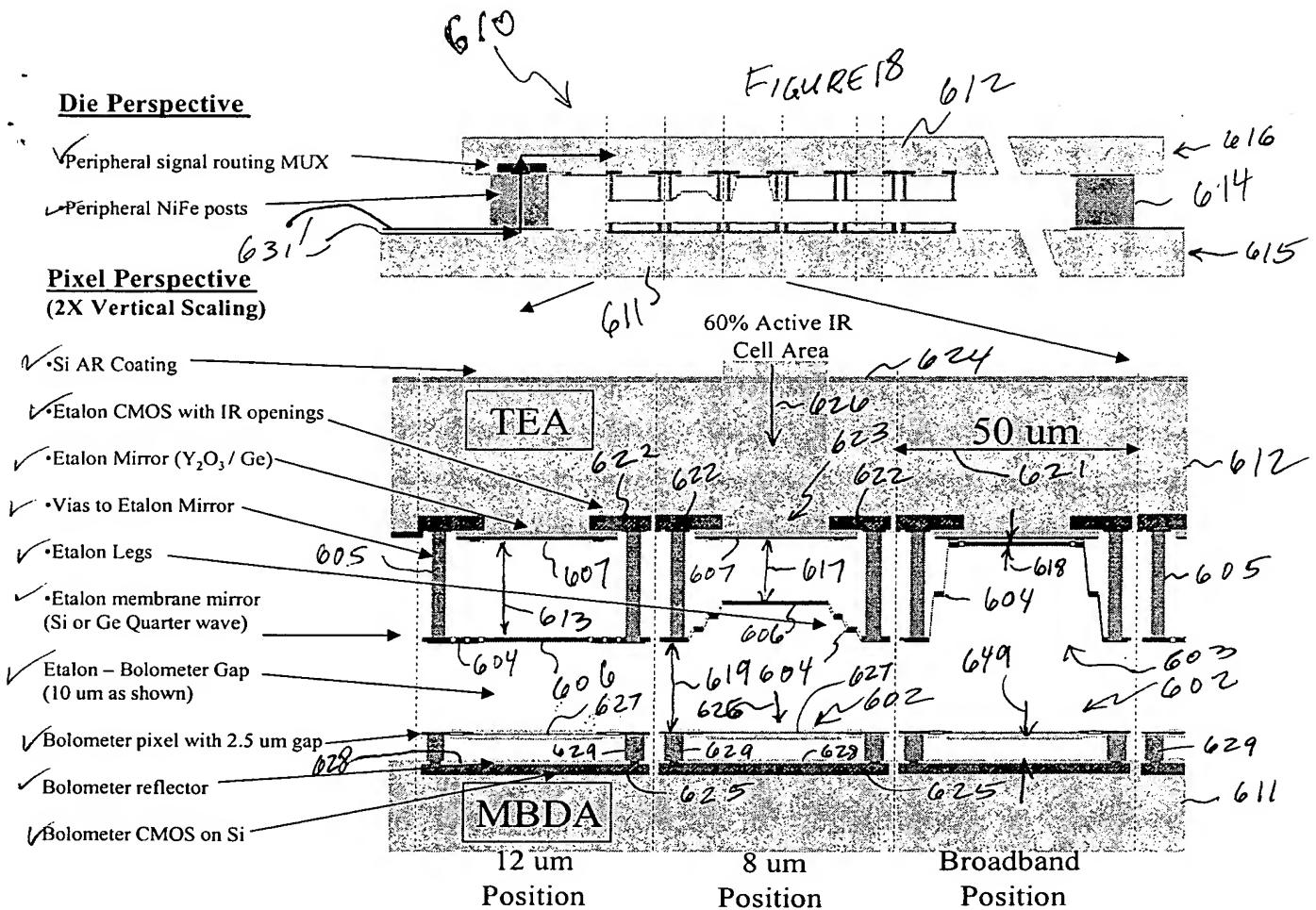


FIGURE 19

LAMBDA Spectral Signal Levels
(Range of F/# Lenses)

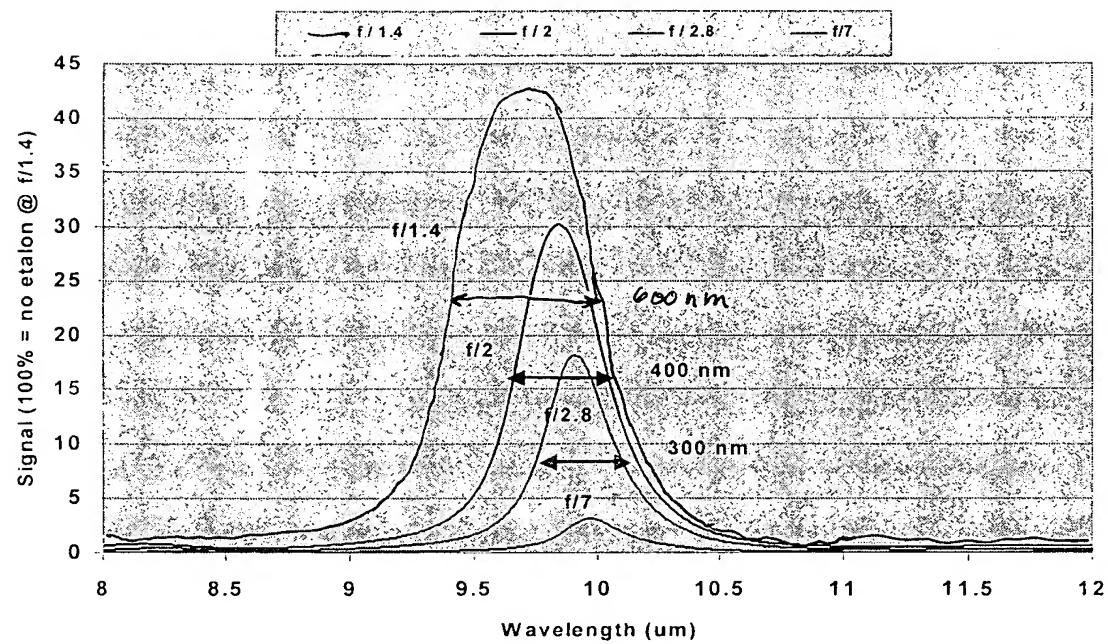


FIGURE 20

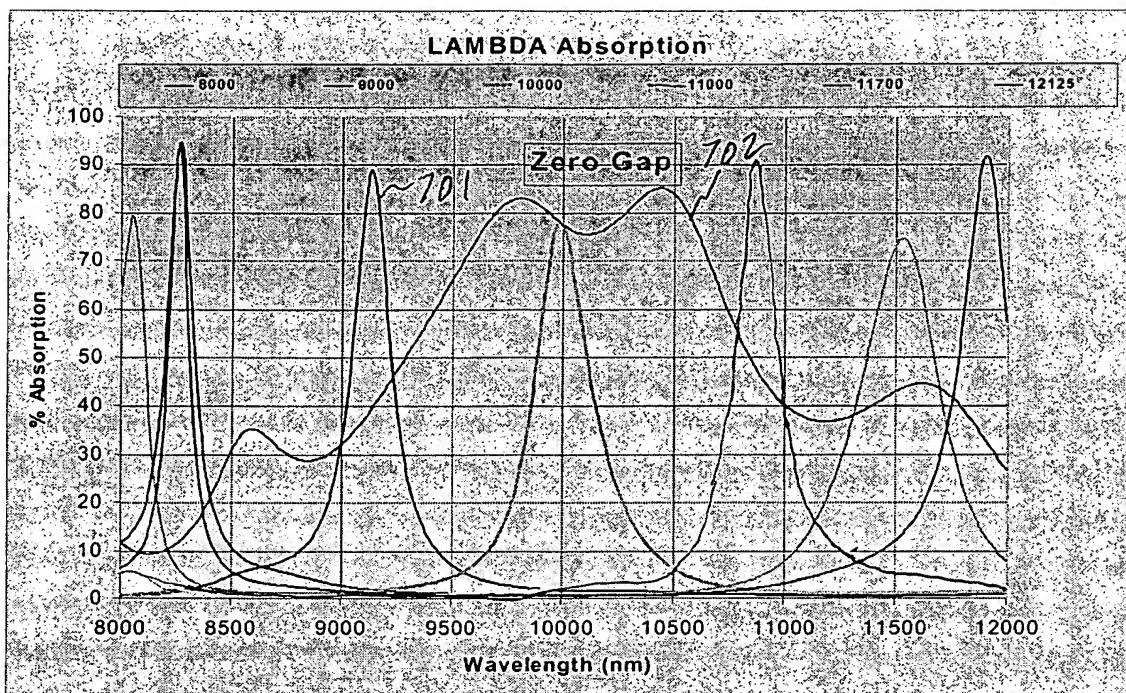


FIGURE 21

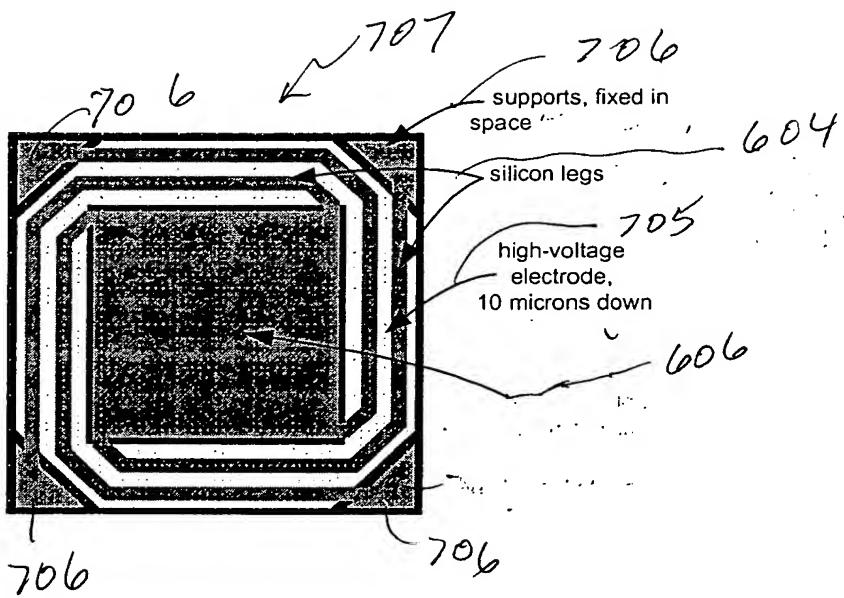
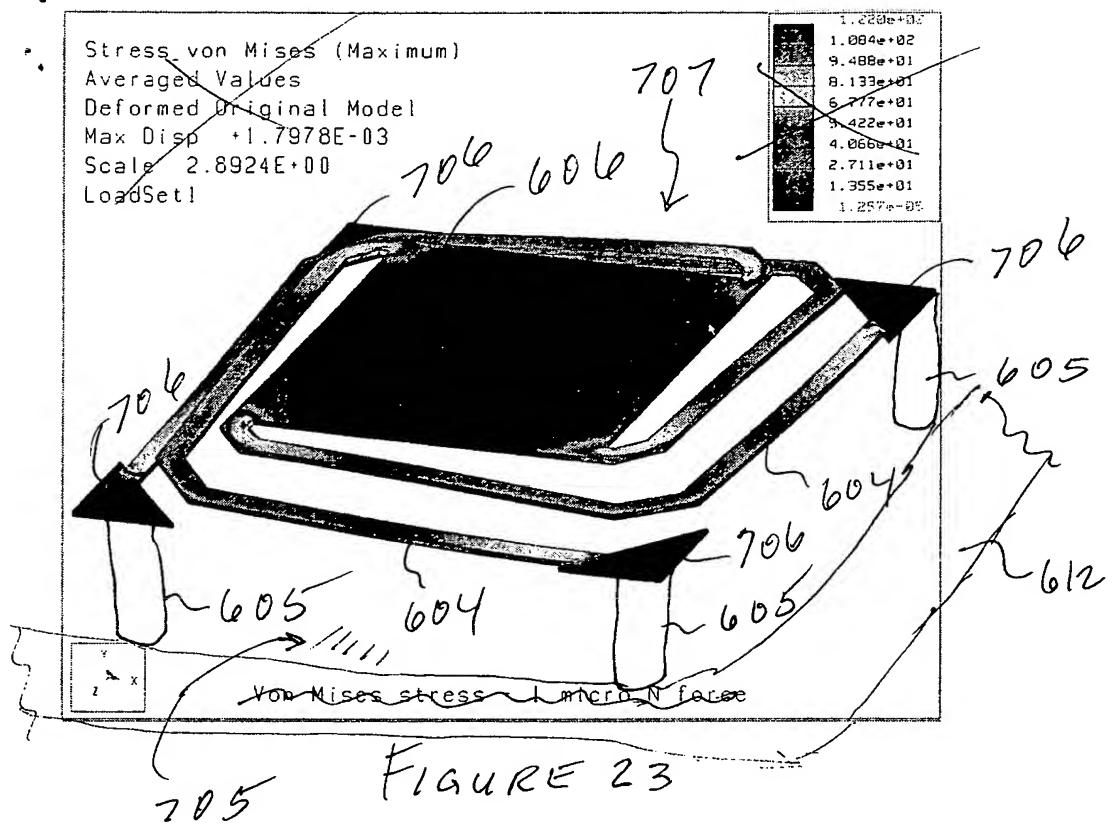


FIGURE 22



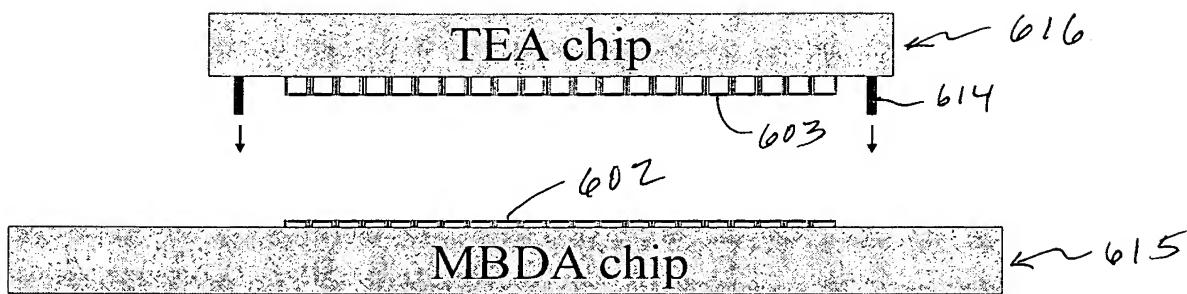


FIGURE 24 A

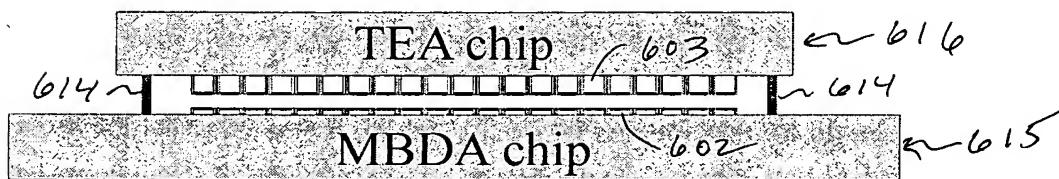


FIGURE 24 B

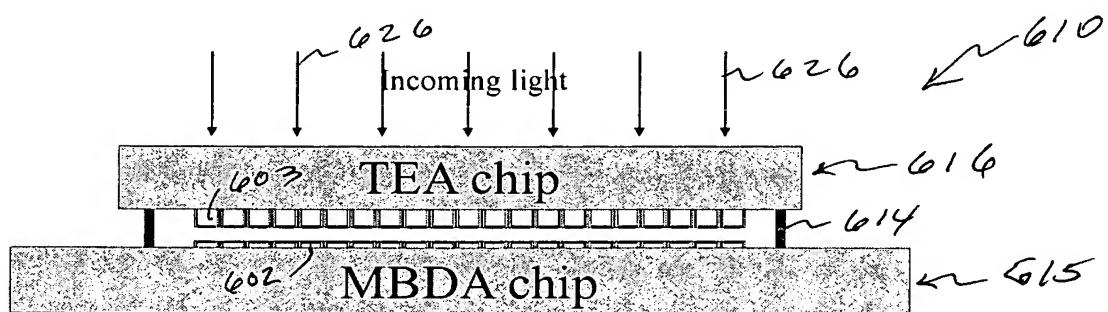


FIGURE 24 C

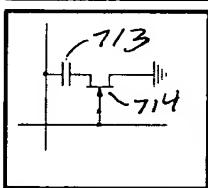
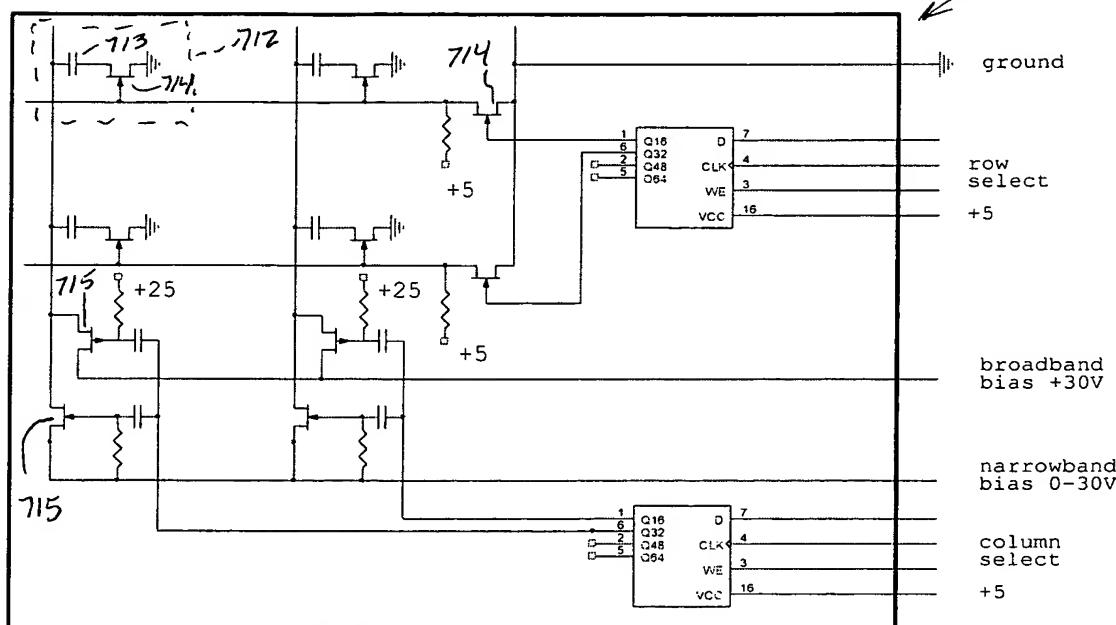


FIGURE 25B

~ 712

MEMS Actuator Array Unit Cell

FIGURE 25A

MEMS Actuator Array

| | | | | | | |
|-------|------------------------|---------------------|-------|---|----|-----|
| Title | | MEMS actuator array | | | | |
| Size | Document Number | UAFFA drive.0pj | | | 1 | Rev |
| Date | Thursday, June 20 2002 | | Sheet | 1 | of | 11 |

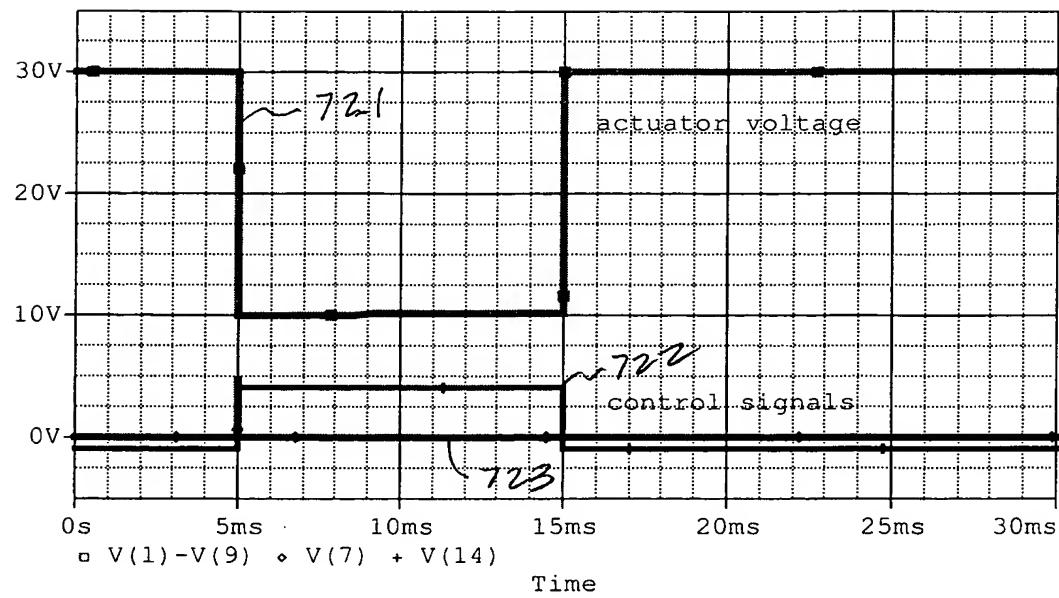


FIGURE 26

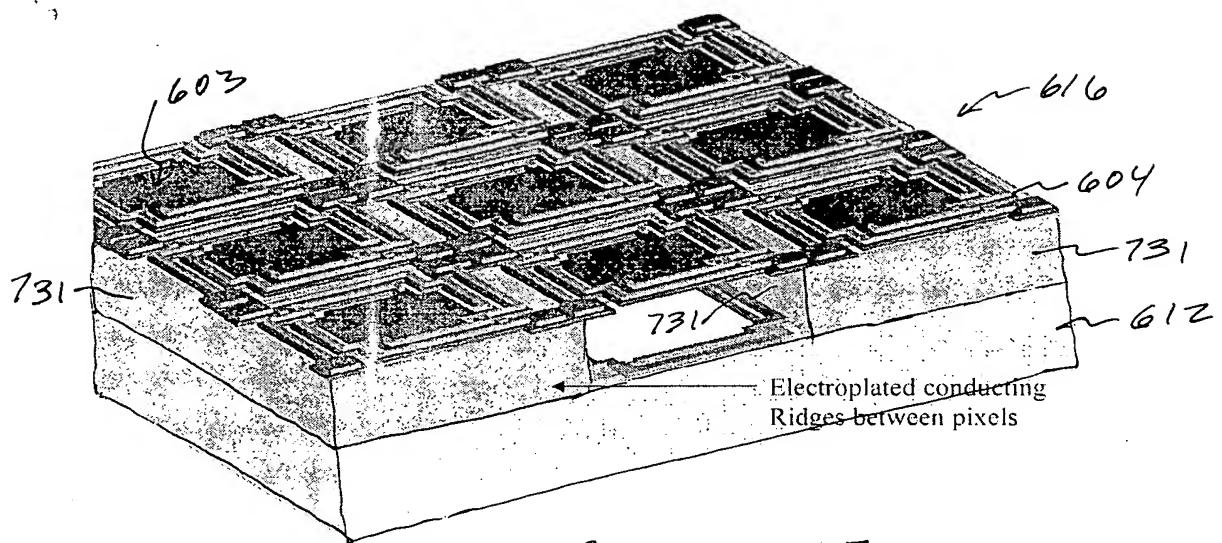


FIGURE 27

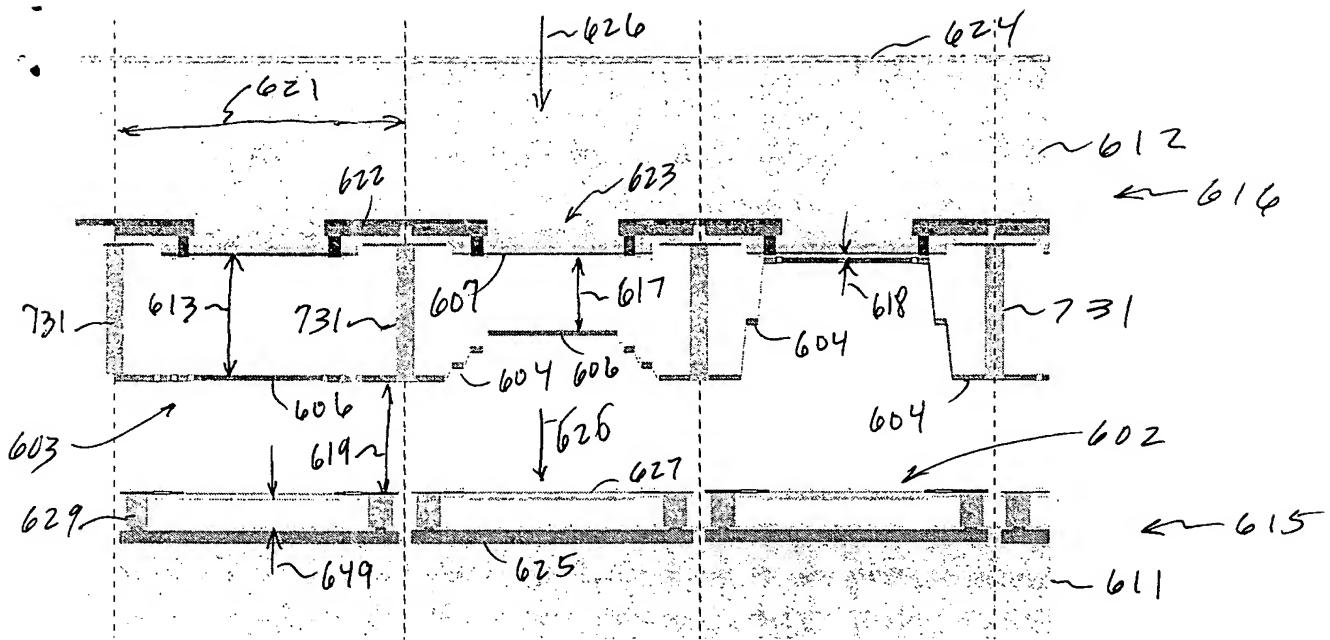


FIGURE 28

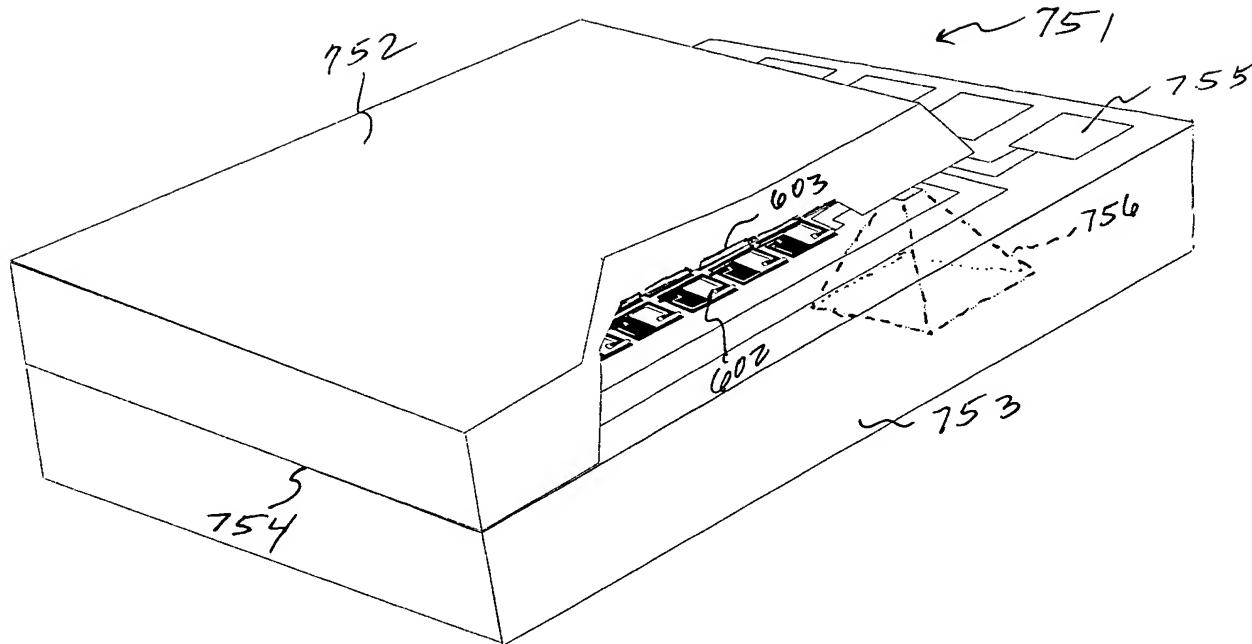


FIGURE 29